

**CONSTRUCTION NOTES**

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET D14)
- 5" CURB TRANSITION PER DETAIL ON SHEET D15
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- DROP CURB PER DETAIL ON SHEET D15
- SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 233 (SEE DETAIL SHEET D14)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 230 (TYPE B) (SEE DETAIL SHEET D14)

NOTE: ALL NOTES NOT USED ON ALL SHEETS

**LEGEND**

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/LINE BOUNDARY
- 5 FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- D.E. DRAINAGE EASEMENT
- P.A.E. PUBLIC ACCESS EASEMENT
- P.U.E. PRIVATE UTILITY EASEMENT
- DTC DEPRESSIONED TOP OF CURB ELEVATION

**BASIS OF BEARINGS**

NORTH 60°13'00" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, CL 4 & 5, SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (NAD 83), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-GPUS.

M.G.S.D. "S0 35" - LATITUDE 39°09'22.70034"N, LONGITUDE 114°09'20.57240"W (NAD 83) HEIGHT 2582.463916 FT (NAVD 83)

STONE 1/4 COR 3/2 - LATITUDE 39°09'55.63385"N, LONGITUDE 114°09'30.72281"W (NAD 83) HEIGHT 2498.204681 FT (NAVD 83)

**BENCHMARK**

BENCHMARK # "S0 34" M.G.S.D. ELEVATION: 2580.24073 FT (NAVD 83)

DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35 T. 21 N. R. 18 W. AND THE INTERSECTION OF SHINARUP DR. AND HOPE RD. STAMPED "S0 34 1989 RLS 10343"

**GEOTECHNICAL NOTE:**

UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

**FEMA FLOOD ZONE**

FEMA MAP: PANEL NO. 04008 2256C MAP UPDATED: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

**NOTE:** ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA 2 GRADING PLANS TO GET ACTUAL ELEVATION.

**DISCLAIMER NOTE**

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(in AZ 602-655-8585)

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PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05



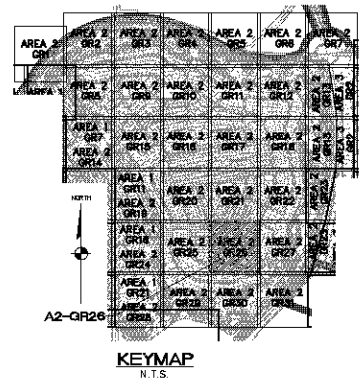
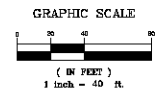
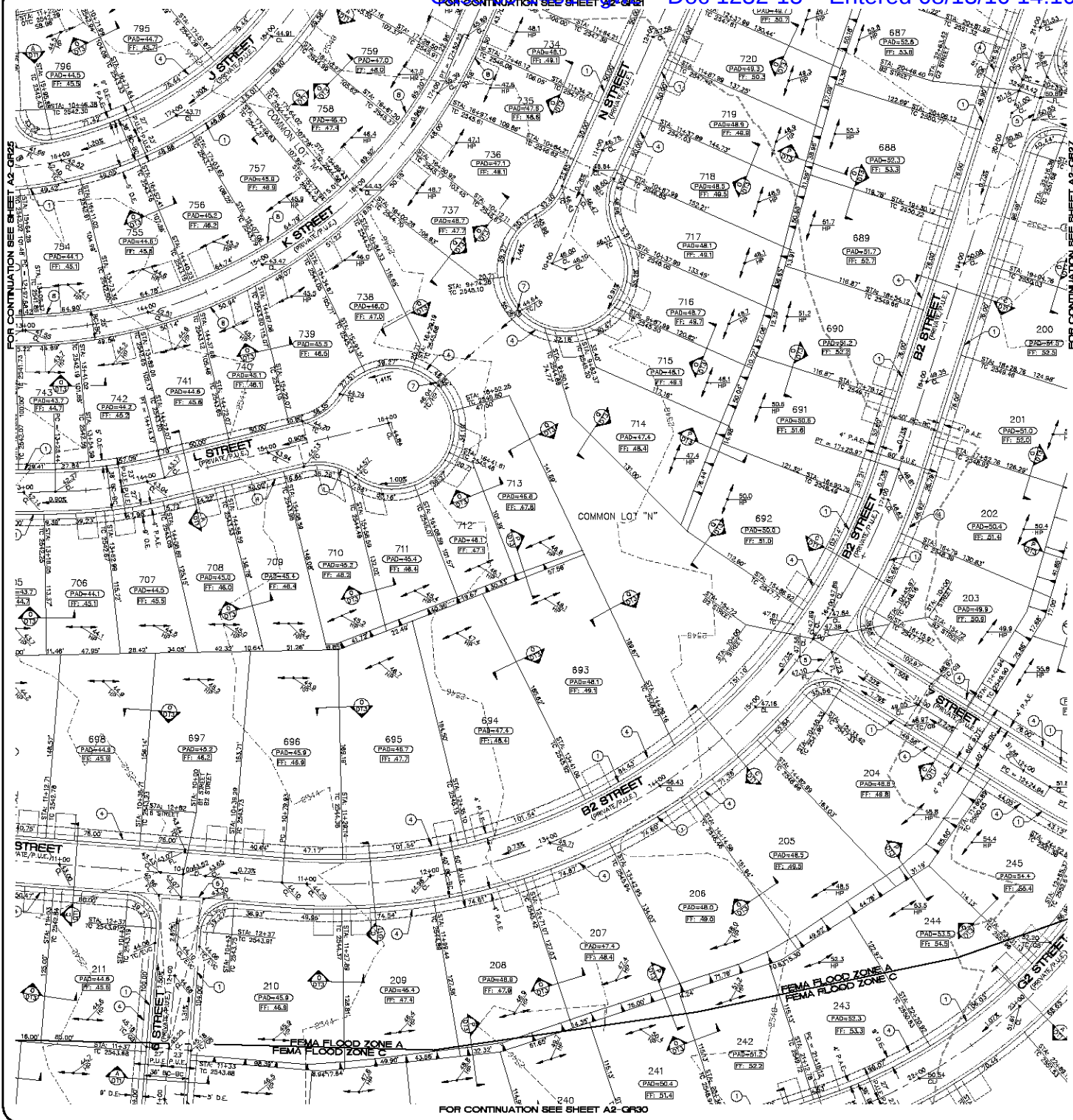
SCALE (H) 1"=40'	SCALE (V) 1"=4'	DATE 10-18-05
SCALE (H) 1"=40'	SCALE (V) 1"=4'	CHECKED BY SH/DB
SCALE (H) 1"=40'	SCALE (V) 1"=4'	DATE 10-18-05

SCALE (H) 1"=40'  
SCALE (V) 1"=4'  
DRAWN BY CA  
CHECKED BY SH/DB  
DATE 10-18-05

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3800 S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89119  
www.stanleyconsultants.com

PHODES HONES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 2  
GRADING PLAN 25  
MOHAVE COUNTY

SHEET  
**A2-GR25**  
57 OF 94 SHEETS  
SCI PROJECT#  
184-19



**CONSTRUCTION NOTES**

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
  - 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET D14)
  - 5" CURB TRANSITION PER DETAIL ON SHEET D14
  - CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
  - VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
  - DROP CURB PER DETAIL ON SHEET D14
  - SIDEWALK SCULPTURE PER M.A.G. STANDARD DETAIL NO. 233 (SEE DETAIL SHEET D14)
  - 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 230 (TYPE B) (SEE DETAIL SHEET D14)
- NOTE: ALL NOTES NOT USED ON ALL SHEETS

**LEGEND**

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
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- 5 FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- D.E. DRAINAGE EASEMENT
- P.A.E. PUBLIC ACCESS EASEMENT
- P.U.E. PRIVATE UTILITY EASEMENT
- DTC DEPRESSION TOP OF CURB ELEVATION

**BASIS OF BEARINGS**

NORTH 60°13'00" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, CL 1 & 347 RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WP), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HSB-GPUS.

M.G.S.D. "50 34" - LATITUDE 39°08'20.70034"N, LONGITUDE 114°09'20.57247"W (NAD 83) HEIGHT 2582.463911H (NAVD 83)

STONE 1/4 COR 3/2 - LATITUDE 39°08'55.53385"N, LONGITUDE 114°09'30.72281"W (NAD 83) HEIGHT 2498.204581H (NAVD 83)

**BENCHMARK**

BENCHMARK # "50 34" M.G.S.D. ELEVATION: 2580.24723 FT (NAVD 83)

DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "50 34 1989 RLS 10343"

**GEOTECHNICAL NOTE:**

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC. DATED: 12 SEPTEMBER 05 PROJECT NO.: 1000-050

**FEMA FLOOD ZONE**

FEMA MAP: PANEL NO. 040008 2205C MAP UPDATED: OCT 20, 2000  
A PORTION OF THE PROJECT SITE USE WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A", THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

**NOTE:**  
ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA 2 GRADING PLANS TO GET ACTUAL ELEVATION.

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PHOENIX ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 2  
GRADING PLAN 26

ARIZONA  
MOHAVE COUNTY

SHEET  
**A2-QR26**  
58 OF 94 SHEETS  
SCI PROJECT#  
184-19

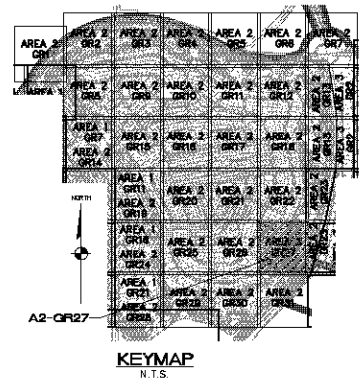
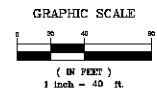
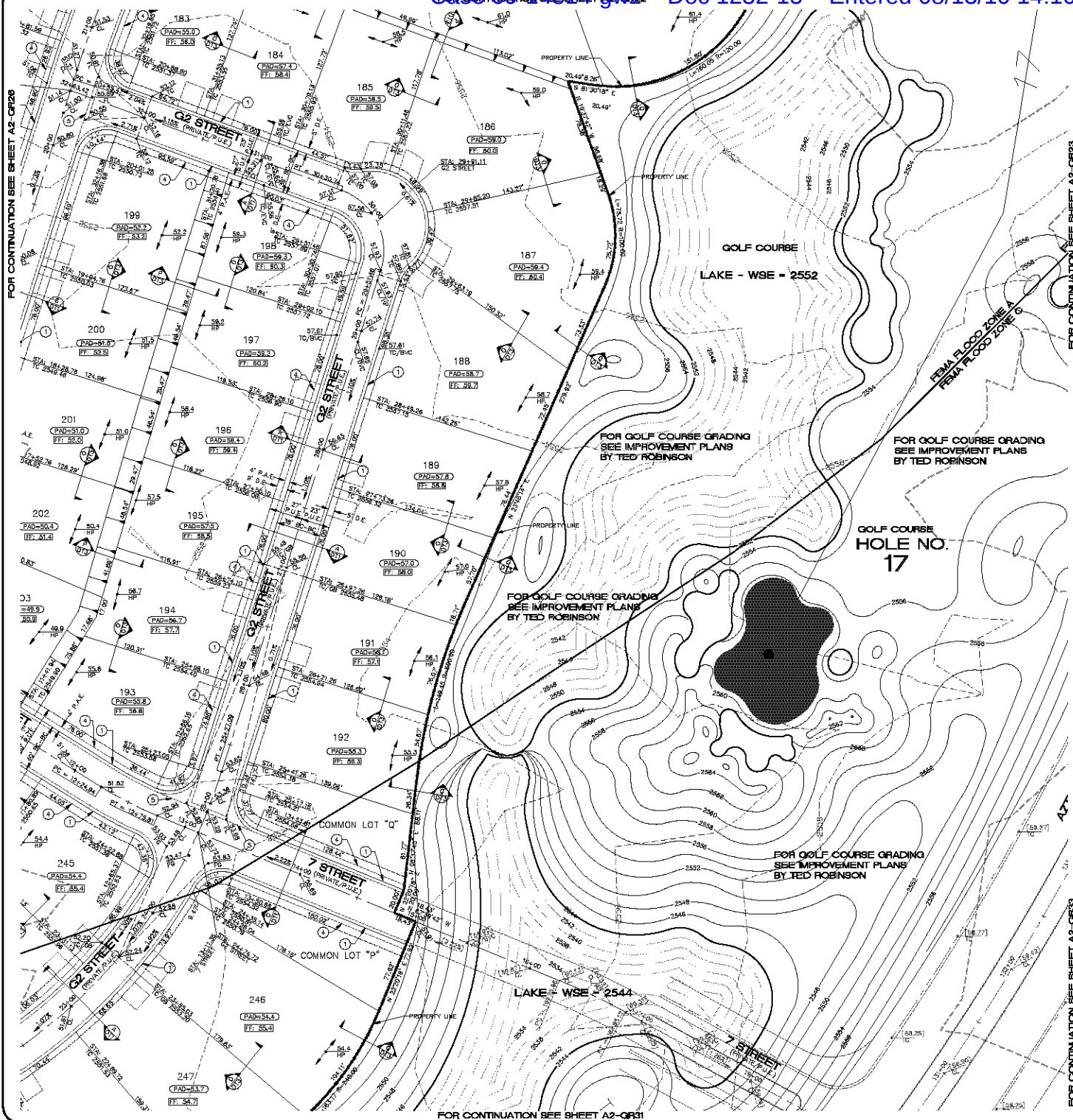
SCALE (H) 1"=40'

SCALE (V) 1"=4'

DRAWN BY CA

CHECKED BY SH/DB

DATE 10-18-05



**CONSTRUCTION NOTES**

- 1) 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
  - 2) 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET DT4)
  - 3) 5" CURB TRANSITION PER DETAIL ON SHEET DT3
  - 4) CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
  - 5) VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
  - 6) DROP CURB PER DETAIL ON SHEET DT5
  - 7) SIDEWALK SCULPTURE PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
  - 8) 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 230 (TYPE B) (SEE DETAIL SHEET DT4)
- NOTE: ALL NOTES NOT USED ON ALL SHEETS

**LEGEND**

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
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- 5 FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- 5/8" RAMP
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- PUBLIC ACCESS EASEMENT
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**BASIS OF BEARINGS**

NORTH 60°13'00" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, CL & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (NAD83-WP), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HSB-GRUS.

M.G.S.D. "50 35" - LATITUDE 39°09'22.70034"N, LONGITUDE 114°09'20.57240"W (NAD 83) HEIGHT 2582.463911H (NAVD83)

STONE 1/4 COR 3/2 = LATITUDE 39°09'55.53385"N, LONGITUDE 114°0'30.72281"W (NAD 83) HEIGHT 2498.204681H (NAVD83)

**BENCHMARK**

BENCHMARK # "50 34" M.G.S.D.

ELEVATION = 2580.24723 FT (NAVD 83)  
DESCRIPTION: ALUM CAP 2" DIA, SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "50 34 1989 RLS 10342"

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**FEMA FLOOD ZONE**

FEMA MAP, PANEL NO. 040808 2225C

MAP UPDATED: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

**NOTE:**

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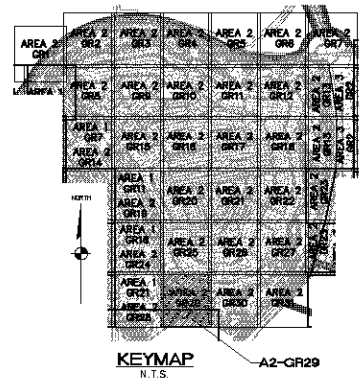
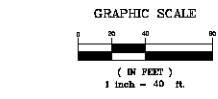
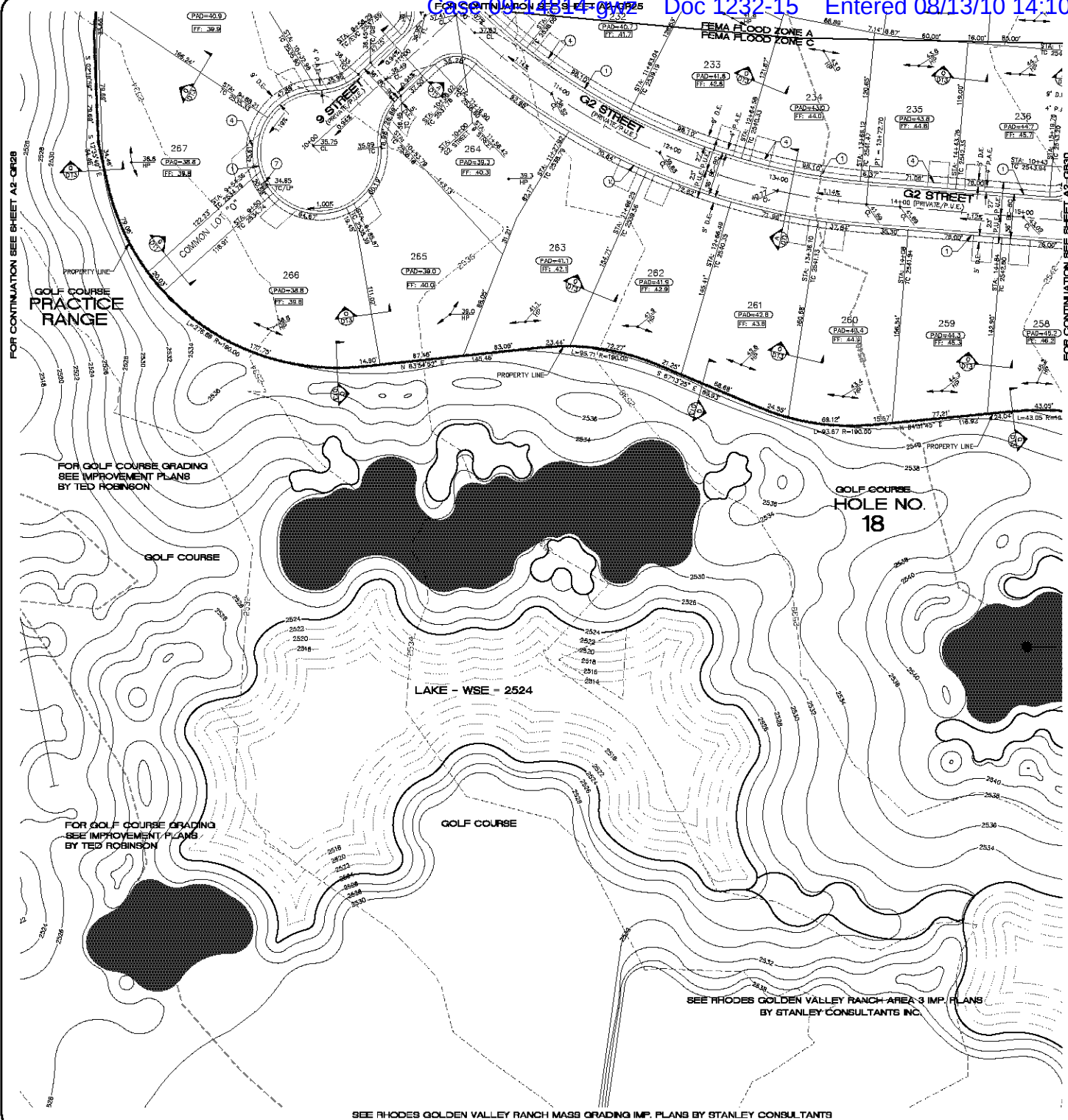
PHOENIX ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 2  
GRADING PLAN 27

SCALE (H) 1"=40'  
SCALE (V) 1"=4'  
DRAWN BY: CA  
CHECKED BY: SH/DB  
DATE: 10-18-05

SHEET  
**A2-QR27**  
59 OF 94 SHEETS  
SCI PROJECT#  
184-19



SHEET  
**A2-GR28**  
60 OF 94 SHEETS  
SCI PROJECT#  
18449



**CONSTRUCTION NOTES**

- 1) 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
  - 2) 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET DT4)
  - 3) 5" CURB TRANSITION PER DETAIL ON SHEET DT3
  - 4) CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
  - 5) VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
  - 6) DROP CURB PER DETAIL ON SHEET DT5
  - 7) SIDEWALK SCULPTURE PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
  - 8) 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 230 (TYPE B) (SEE DETAIL SHEET DT4)
- NOTE: ALL NOTES NOT USED ON ALL SHEETS

**BASIS OF BEARINGS**

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**BENCHMARK**

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**FEMA FLOOD ZONE**

FEMA MAP, PANEL NO. 04008 2256C MAP UPDATED: OCT 20, 2000

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**LEGEND**

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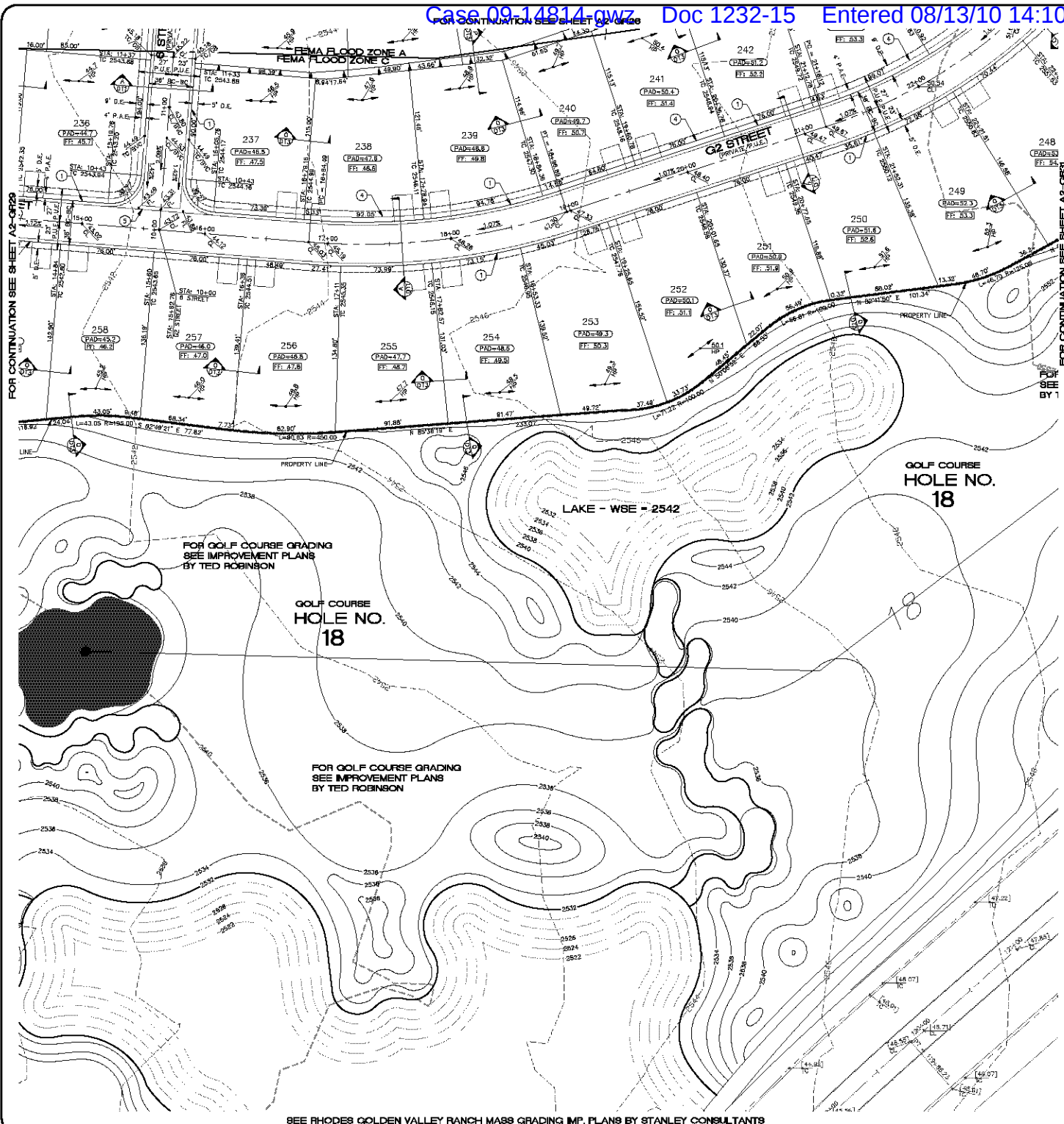
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PHILIP HONES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 2  
GRADING PLAN 29

SCALE (H) 1"=40'  
SCALE (V) 1"=4'  
DRAWN BY CA  
CHECKED BY SH/DB  
DATE 10-18-05

SHEET  
**A2-GR29**  
BT OF 94 SHEETS  
SCI PROJECT#  
18419



**GRAPHIC SCALE**

1 inch = 40 ft.

(ON FEET)

**KEYMAP**

N.T.S.

A2-QR30

**CONSTRUCTION NOTES**

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET DT4)
- 5" CURB TRANSITION PER DETAIL ON SHEET DT3
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- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
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- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 230 (TYPE B) (SEE DETAIL SHEET DT4)

NOTE: ALL NOTES NOT USED ON ALL SHEETS

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- SWALE
- SUBDIVISION/LIMIT BOUNDARY
- 5 FT TRANSITION ("L" CURB TO "R" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT
- DEPRESSED TOP OF CURB ELEVATION

**BASIS OF BEARINGS**

NORTH 60°13'00" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, CLM 4 & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (NAD83-WP), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-GPUS.

M.G.S.D. "SD 35" - LATITUDE 39°08'22.70034"N, LONGITUDE 114°02'01.57242"W (NAD 83) HEIGHT 2582.46391H (NAVD83)

STONE 1/4 COR 3/2 = LATITUDE 39°08'55.53385"N, LONGITUDE 114°03'30.72281"W (NAD 83) HEIGHT 2498.20458H (NAVD83)

**BENCHMARK**

BENCHMARK # "SD 34" M.G.S.D. ELEVATION = 2580.2473 FT (NAVD 83)

DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35 T. 21 N., R. 18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1989 RLS 10342"

**GEOTECHNICAL NOTE:**

UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREIN. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

**FEMA FLOOD ZONE**

FEMA MAP, PANEL NO. 04008 2256C MAP UPDATED: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

**NOTE:**

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA 2 GRADING PLANS TO GET ACTUAL ELEVATION.

**DISCLAIMER NOTE**

UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREIN. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

**PRELIMINARY ISSUE FOR REVIEW**

NOT FOR CONSTRUCTION 10-18-05

**Stanley Consultants Inc.**

3500 S. Eastman Avenue, Suite 300  
Las Vegas, Nevada 89119  
Tel: (702) 446-9793  
www.stanleyconsultants.com

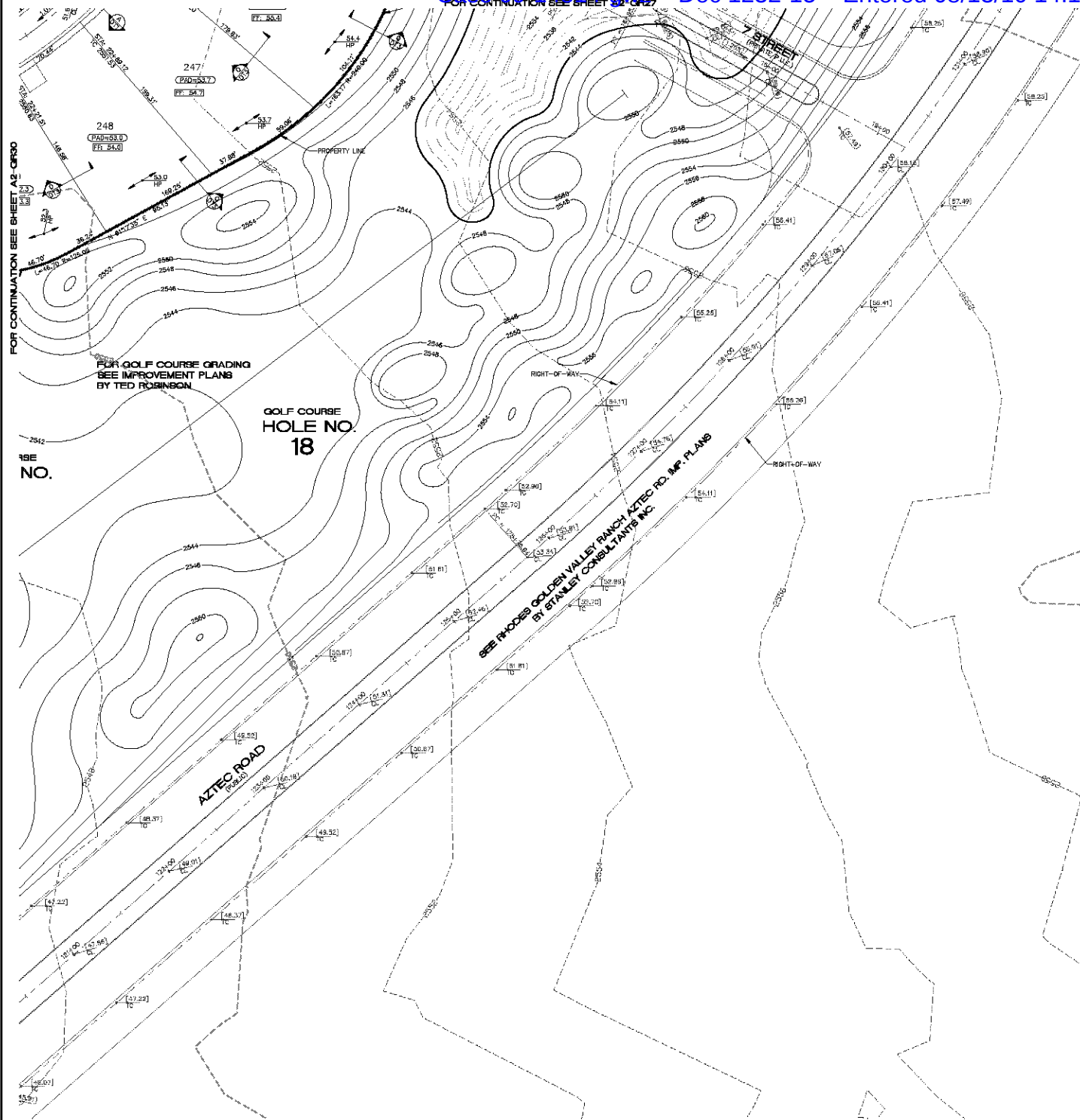
**RHODES HONES ARIZONA, LLC**  
GOLDEN VALLEY RANCH  
AREA 2  
GRADING PLAN 80

**A2-QR30**

62 OF 94 SHEETS

SCI PROJECT# 18419

FOR CONTINUATION SEE SHEET A2-GR30



SEE RHODES GOLDEN VALLEY RANCH AREA 3 IMP. PLANS BY STANLEY CONSULTANTS

#### CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET DT4)
- 5' CURB TRANSITION PER DETAIL ON SHEET DT3 (SEE DETAIL SHEET DT4)
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- DROP CURB PER DETAIL ON SHEET DT5
- SIDEWALK SCULPTURE PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 230 (TYPE B) (SEE DETAIL SHEET DT4)

NOTE: ALL NOTES NOT USED ON ALL SHEETS

#### BASIS OF BEARINGS

NORTH 60°13'00" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 18 WEST, CLIA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (NAD83-WF), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY ROSS-GRUS.

M.G.S.D. "50 35" - LATITUDE 39°08'22.70034"N, LONGITUDE 114°09'20.57242"W (NAD 83) HEIGHT 2582.463911H (NAVD83)

STONE 1/4 COR 3/2 = LATITUDE 39°08'55.53385"N, LONGITUDE 114°0'30.72281"W (NAD 83) HEIGHT 2498.204581H (NAVD83)

#### BENCHMARK

BENCHMARK # "50 34" M.G.S.D.

ELEVATION = 2580.24723 FT (NAVD 83)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "50 34 1989 RLS 10342"

#### GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 12 SEPTEMBER 05  
PROJECT NO.: 1000-050

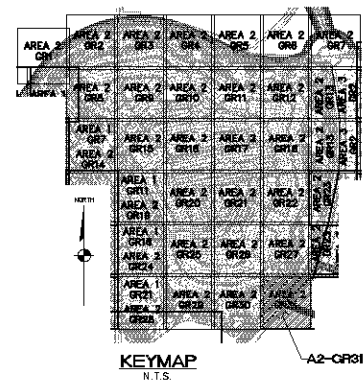
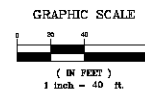
#### FEMA FLOOD ZONE

FEMA MAP, PANEL NO. 04008 2255C  
MAP UPDATED: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

#### NOTE:

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA 2 GRADING PLANS TO GET ACTUAL ELEVATION.



#### LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/LINE BOUNDARY
- 5 FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT
- DEPRESSED TOP OF CURB ELEVATION

#### DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVER-HEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREIN. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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1-800-785-5548

PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05

STANLEY CONSULTANTS INC.  
12874 STEVEN A. HASEL  
ARIZONA, U.S.A.

SCALE (H) 1"=40'  
SCALE (V) 1"=4'  
DRAWN BY CA  
CHECKED BY SH/DB  
DATE 10-18-05

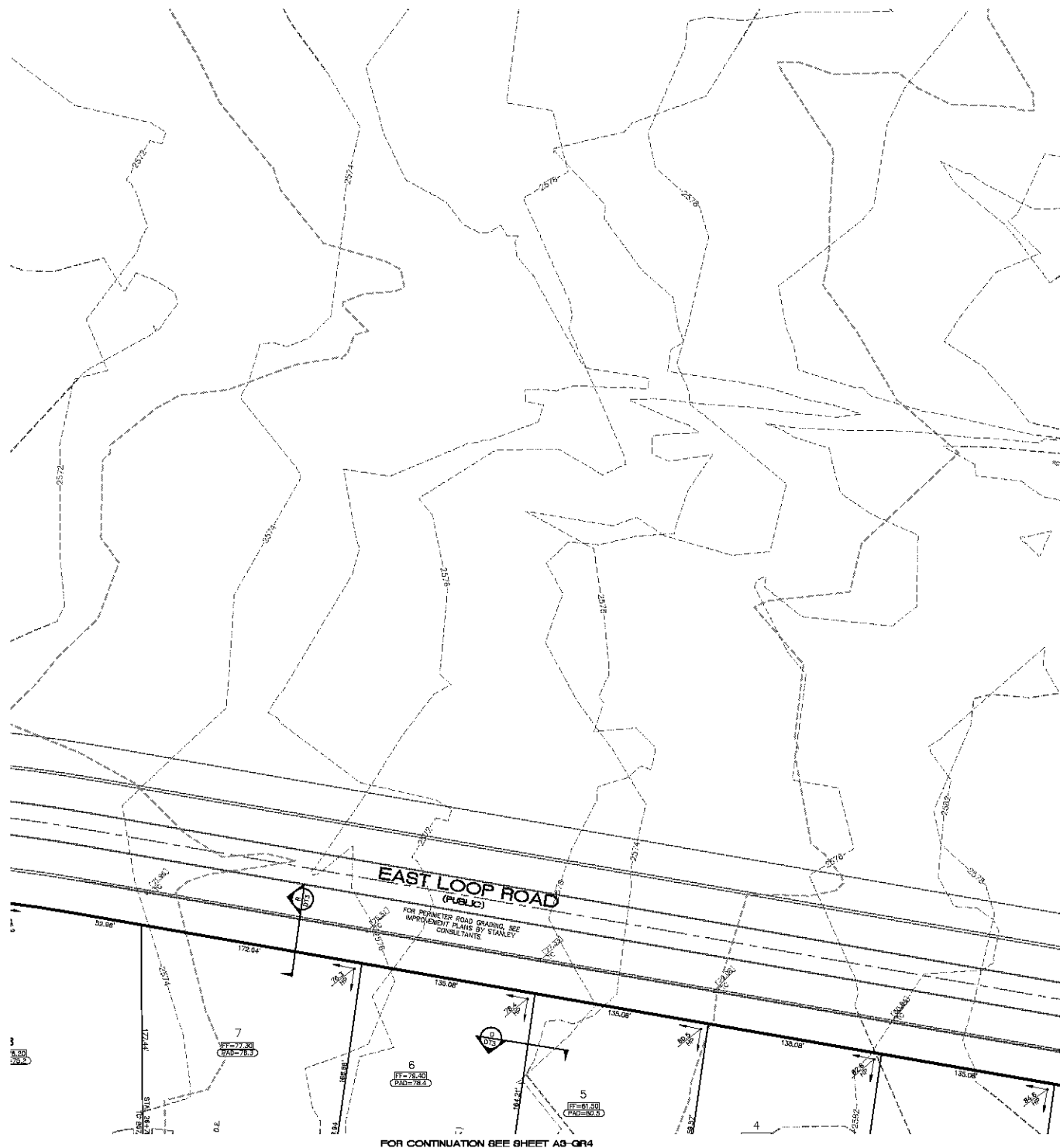
3500 S. Eastman Avenue, Suite 300  
Las Vegas, Nevada 89119  
www.stanleyconsultants.com

**Stanley Consultants Inc.**

RHODES HONES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 2  
GRADING PLAN 31

ARIZONA  
MOHAVE COUNTY

SHEET  
**A2-GR31**  
63 OF 94 SHEETS  
SCI PROJECT#  
184-19



FOR CONTINUATION SEE SHEET A3-CR1

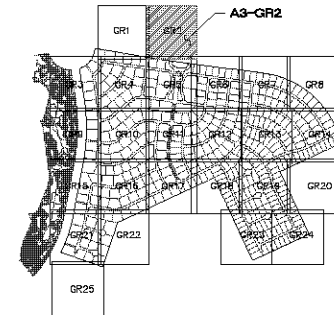


FOR CONTINUATION SEE SHEET A3-CR5

**EAST LOOP ROAD**  
(PUBLIC)  
FOR PERMETER ROAD GRADING, SEE  
IMPROVEMENT PLANS BY STANLEY  
CONSULTANTS

NORTH

GRAPHIC SCALE



**KEYMAP**  
N.T.S.

**CONSTRUCTION NOTES**

- ① 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- ② 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET DT4)
- ③ 5' CURB TRANSITION PER DETAIL ON SHEET DT3
- ④ CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- ⑤ VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- ⑥ DROP CURB PER DETAIL ON SHEET DT3
- ⑦ SIDEWALK SCUPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
- ⑧ 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- ⑨ TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

**BASIS OF BEARINGS**

NORTH 00°53'38" EAST — THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-OPUS.

M.C.S.D. "SD 32" — LATITUDE 35°09'22.70034"N, LONGITUDE 114°02'21.57245"W (NAD '83) HEIGHT 2583.43991H (NAVD'83)

STONE 1/4 COR 3/2 = LATITUDE 35°08'58.53386"N, LONGITUDE 114°10'30.72281"W (NAD '83) HEIGHT 2468.20458H (NAVD'83)

**BENCHMARK**

BENCHMARK # "SD 34" N.C.S.D. ELEVATION: 2580.2423 FT. (NAVD '83)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHUARUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343"

**GEOTECHNICAL NOTE:**

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 12 SEPTEMBER 05  
PROJECT NO.: 1050-020

**FEMA FLOOD ZONE**

FEMA MAP, PANEL NO. 040509 2320C  
MAP UPDATED: OCT. 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

**ENGINEERING NOTES**

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

**LEGEND**

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/LAND BOUNDARY
- 5' FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

**DISCLAIMER NOTE**

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Call before you Overhead  
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PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05



DATE	BY	REVISION

SCALE (H) 1" = 40'  
SCALE (V) 1" = 10'  
DRAWN BY JS  
CHECKED BY SH/JS  
DATE 10-18-05

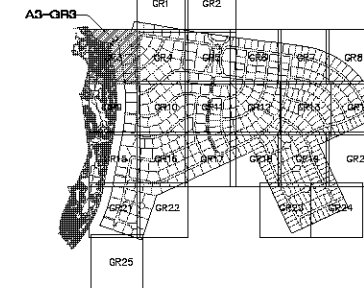
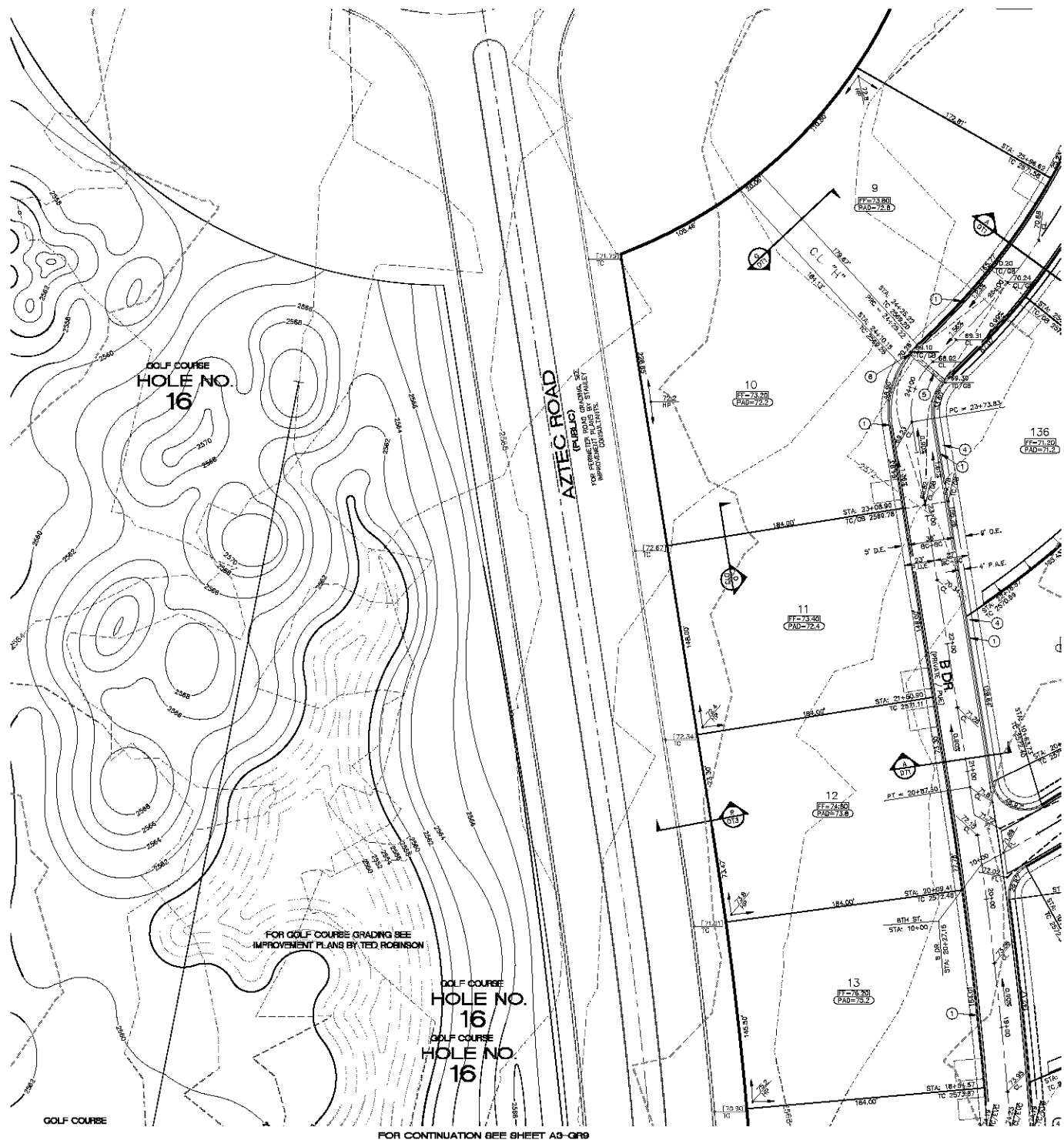
3500 S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89119  
Tel: (702) 445-9793  
www.stanleyconsultants.com

**Stanley Consultants Inc.**

PHODES HONES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 2

ARIZONA  
MOHAVE COUNTY

SHEET  
**A3-CR2**  
65 OF 94 SHEETS  
SCI PROJECT#  
18419



#### CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET DT4)
- 5' CURB TRANSITION PER DETAIL ON SHEET DT3
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- DROP CURB PER DETAIL ON SHEET DT3
- SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT4)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

#### BASIS OF BEARINGS

NORTH 00°53'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 16 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-ORUS.

M.G.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°08'21.57245"W (NAD '83) HEIGHT 2582.45911H (NAVD'83)

STONE 1/4 COR 3/2 - LATITUDE 35°08'55.53386"N, LONGITUDE 114°10'30.72281"W (NAD '83) HEIGHT 2468.20458H (NAVD'83)

#### BENCHMARK

BENCHMARK # "SD 34" N.C.S.D. ELEVATION: 2580.24273 FT. (NAVD '83)  
DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHUWAMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343"

#### GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 12 SEPTEMBER 05  
PROJECT NO.: 1055-022

#### FEMA FLOOD ZONE

FEMA MAP, PANEL NO. 040508 2320C  
MAP UPDATED: OCT. 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

#### ENGINEERING NOTES

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

#### LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 5' FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

#### DISCLAIMER NOTE

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2-800-555-5551

PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05



DATE	BY	REVISION

SCALE (H) 1" = 40'  
SCALE (V) 1" = 10'  
DRAWN BY JS  
CHECKED BY SH/JS  
DATE 10-18-05

3500 S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89119  
Tel: (702) 445-9793  
www.stanleyconsultants.com



ARIZONA

RHODES HONES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 3

MOHAVE COUNTY

SHEET  
**A3-GR3**  
66 OF 94 SHEETS  
SCI PROJECT#  
184-19



( IN FEET )  
1 inch = 40 ft



**LEGEND**

- 1) 30" HULL CURBS AND GUTTER PER DETAIL NO. 217A ON SHEET D20
- 2) 24" VERTICAL CURBS AND GUTTER PER DETAIL NO. 220 (TYPE A)  
(SEE DETAIL SHEET D74)
- 3) 9" CURB TRANSITION PER DETAIL ON SHEET D75
- 4) CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230  
(SEE DETAIL SHEET D74)
- 5) VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240  
(SEE DETAIL SHEET D74)
- 6) DROP CURBS PER DETAIL ON SHEET D75
- 7) SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203  
(SEE DETAIL SHEET D75)
- 8) 24" HEBBON CURB PER M.A.G. STD. DETAIL NO. 280 (TYPE B)  
(SEE DETAIL SHEET D74)
- 9) TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

NORTH 00°13'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" - LATITUDE 35°09'22.70034"N,  
LONGITUDE 114°08'21.57240"W

STONE 1/4 COR 3/2 = LATITUDE 35°08'55.5386"N,  
LONGITUDE 114°14'30.29281"E

BENCHMARK # "SD 34" N.C.S.D.  
ELEVATION= 2580.24273 F.T (NAVD '88)

































DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R.18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 199 RLS 10343"

ALL CONSTRUCTION SHALL CONFORM WITH THE  
SOILS REPORT PREPARED BY: AMERICAN SOILS  
ENGINEERING, LLC.  
DATED: 12 SEPTEMBER 05  
PROJECT No.: 1050-GEO

FEMA MAP: PANEL NO. 04005B 23250  
1445 UPDATE: OCT 26, 2009

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA  
GRADING PLANS TO GET ACTUAL ELEVATION.

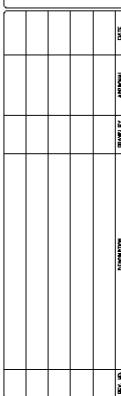
-  = DRIVEWAY
-  = HIGH POINT SWALE DIRECTION
-  = EXISTING GRADE
-  = FUTURE GRADE
-  = TOP OF RET. WALL/TOP OF FOOTING
-  = PAD HIGH POINT ELEVATION
-  = FLOWLINE ELEVATION
-  = CENTERLINE FINISHED GRADE ELEVATION
-  = TOP OF CURB ELEVATION
-  = FINISHED GRADE ELEVATION
-  = RATE & DIRECTION OF SLOPE
-  = TOP OF CURB STATIONING
-  = RETAINING WALL
-  = PERIMETER BLOCK WALL
-  = PROPERTY LINE
-  = GRADE BREAK
-  = EASEMENT LINE
-  = CENTER LINE
-  = EXISTING LINE
-  = FUTURE LINE
-  = SCARP
-  = FINISHED FLOOR ELEVATION
-  = PAD ELEVATION
-  = EXISTING CONTOUR
-  = LOT NUMBER
-  = SWALE
-  = SUBDIVISION/UNIT BOUNDARY
-  = S.F. TRANSITION ('L.L. CURB TO 'HOLL' CURB)
-  = CURB, GUTTER, AND SIDEWALK
-  = S/W RAMP
-  = DRAINAGE EASEMENT
-  = PUBLIC ACCESS EASEMENT
-  = PRIVATE UTILITY EASEMENT

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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 utility lines. It's costly.  
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 before you  
 dig  
 811 FIRST  
 1-800-787-5348  
 (1-800-STAKE-IT)

Avoid overhead power  
 line contact.  
 Call  
 before you  
 Overhead  
 1-928-753-5591  
 SUBMIT

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SCALE (H) 1" = 40'
SCALE (V) NONE
DRAWN BY JS
CHECKED BY SH\SH\DB
DATE 10-18-05

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Las Vegas, Nevada 89119  
(702) 360-9396 Fax (702) 368-9793  
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	ARIZONA
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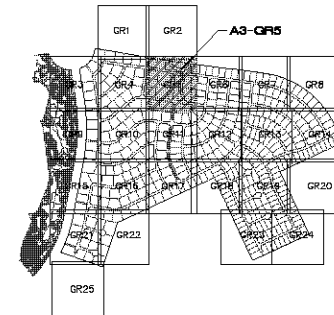
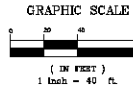
AREA 3  
GRADING PLAN 4

SHEET  
**A3-GR4**  
 67 OF 94 SHEETS  
 SCI PROJECT#  
 18449

FOR CONTINUATION SEE SHEET A3-QR2



FOR CONTINUATION SEE SHEET A3-QR1



KEYMAP  
N.T.S.

**CONSTRUCTION NOTES**

- 1 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 2 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET D14)
- 3 5" CURB TRANSITION PER DETAIL ON SHEET D13
- 4 CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- 5 VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- 6 DROP CURB PER DETAIL ON SHEET D13
- 7 SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D14)
- 8 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D14)
- 9 TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

**BASIS OF BEARINGS**

NORTH 00°33'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 16 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-OPUS.

M.C.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°08'21.57245"W (NAD '83) HEIGHT 2582.4591M (NAVD83)

STONE 1/4 COR 3/2 - LATITUDE 35°08'58.53365"N, LONGITUDE 114°10'30.72281"W (NAD '83) HEIGHT 2468.20450M (NAVD83)

**BENCHMARK**

BENCHMARK # "SD 34" M.C.S.D. ELEVATION: 2580.24573 FT (NAVD '83)  
DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHUARUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343"

**GEOTECHNICAL NOTE:**

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 15 SEPTEMBER 05  
PROJECT NO.: 1055-022

**FEMA FLOOD ZONE**

FEMA MAP, PANEL NO. 040509 2350C  
MAP UPDATED: OCT 20, 2000  
A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

**ENGINEERING NOTES**

ADD 2500' @ ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

**LEGEND**

- = DRIVEWAY
- = HIGH POINT SWALE DIRECTION
- = EXISTING GRADE
- = FUTURE GRADE
- = TOP OF RET. WALL/TOP OF FOOTING
- = PAD HIGH POINT ELEVATION
- = FLOWLINE ELEVATION
- = CENTERLINE FINISHED GRADE ELEVATION
- = TOP OF CURB ELEVATION
- = FINISHED GRADE ELEVATION
- = RATE & DIRECTION OF SLOPE
- = TOP OF CURB STATIONING
- = RETAINING WALL
- = PERIMETER BLOCK WALL
- = PROPERTY LINE
- = GRADE BREAK
- = EASEMENT LINE
- = CENTER LINE
- = EXISTING LINE
- = FUTURE LINE
- = SCARP
- = FINISHED FLOOR ELEVATION
- = PAD ELEVATION
- = EXISTING CONTOUR
- = LOT NUMBER
- = SWALE
- = SUBDIVISION/UNIT BOUNDARY
- = 3 FT TRANSITION "L" CURB TO "ROLL" CURB
- = CURB, GUTTER, AND SIDEWALK
- = S/W RAMP
- = DRAINAGE EASEMENT
- = PUBLIC ACCESS EASEMENT
- = PRIVATE UTILITY EASEMENT

**DISCLAIMER NOTE**

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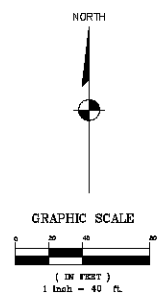
DATE	BY	REVISION

SCALE (H) 1" = 40'  
SCALE (V) 1" = 10'  
DRAWN BY: JS  
CHECKED BY: SH/JS  
DATE: 10-18-05

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3500 S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89119  
Tel: (702) 445-9793  
www.stanleyconsultants.com

RHODES HONES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 5

SHEET  
A3-QR5  
68 OF 94 SHEETS  
SCI PROJECT#  
18419



- ① 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D74
- ② 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 220 (TYPE A)  
(SEE DETAIL SHEET D74)
- ③ 15" CURB TRANSITION PER DETAIL ON SHEET D73
- ④ CONCRETE SIDEWALK PER M.A.G. STANDARDS DETAIL NO. 230  
(SEE DETAIL SHEET D74)
- ⑤ VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240  
(SEE DETAIL SHEET D74)
- ⑥ DROP CURB PER DETAIL ON SHEET D75
- ⑦ SIDEWALK SLOUPEE PER M.A.G. STANDARD DETAIL NO. 203  
(SEE DETAIL SHEET D75)
- ⑧ 8" RIBBED CURB PER M.A.G. STD. DETAIL NO. 230 (TYPE B)  
(SEE DETAIL SHEET D74)
- ⑨ TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

### BASIS OF BEARINGS

NORTH 00°13'36" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. \*SD 32\* - LATITUDE 35°08'22.70034"N,  
LONGITUDE 114°08'21.57240"W (I  
HEIGHT 2582.48391M (NAVD'88)

## BENCHMARK

BENCHMARK # "SD 34" M.C.S.D.  
ELEVATION= 2580.24273 FT (NAVD 88)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF  
THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE  
INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1999  
RLS 10343."

**GEOTECHNICAL NOTE:**  
ALL CONSTRUCTION SHALL CONFORM WITH:

ALL CONSTRUCTION SHALL CONFORM WITH THE  
SOILS REPORT PREPARED BY: AMERICAN SOILS  
ENGINEERING, LLC.  
DATED: 12 SEPTEMBER 05  
PROJECT No.: 1060-GEO

**FEMA FLOOD ZONE**  
FEMA MAP: PANEL NO. 01005B 271

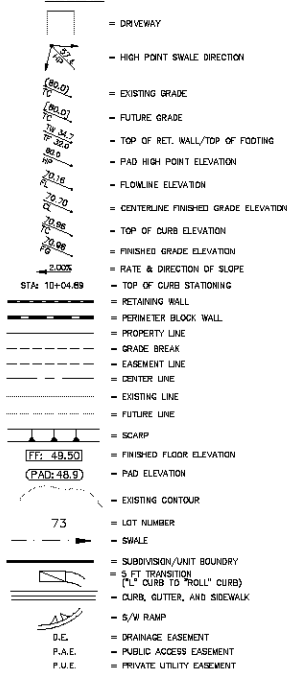
FEMA MAP: PANEL NO. 04005B 2325C  
MAP UPDATE: OCT 20, 2000  
A PORTION OF THE PROJECT SITE LIES WITHIN 4M

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

**ENGINEERING NOTES**  
ADD 2600' TO ALL ELEVATIONS LESS

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

- LEGEND**



**DISCLAIMER NOTE**  
UTILITY LOCATIONS SHOWN

UTILITY LOCATIONS SHOWN  
HEREON ARE APPROXIMATE  
ONLY. IT SHALL BE THE  
CONTRACTOR'S RESPONSIBILITY  
TO DETERMINE THE EXACT  
HORIZONTAL AND VERTICAL  
LOCATION OF ALL EXISTING  
UNDERGROUND OR OVER-  
HEAD UTILITIES PRIOR TO

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milly bean. It's scatty.

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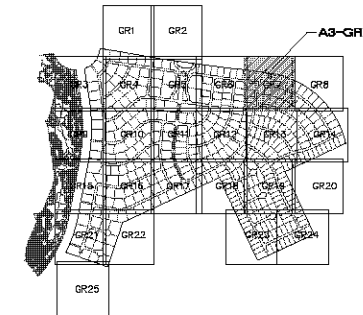
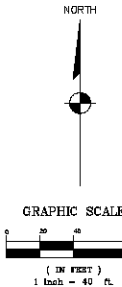
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AREA 3  
GRADING PLAN 6

SHEET  
**A3-GR6**  
69 OF 94 SHEETS  
SCI PROJECT#  
18449

KEYMAP  
N.T.S.**CONSTRUCTION NOTES**

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET DT4)
- 5" CURB TRANSITION PER DETAIL ON SHEET DT3
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- DROP CURB PER DETAIL ON SHEET DT3
- SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT4)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

**BASIS OF BEARINGS**

NORTH 07°33'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 16 WEST, CL & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-ORPUS.

M.G.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°08'21.57245"W (NAD 83) HEIGHT 2582.4591M (NAVD83)

STONE 1/4 COR 3/2 - LATITUDE 35°08'55.53365"N, LONGITUDE 114°10'30.72281"W (NAD 83) HEIGHT 2468.20450M (NAVD83)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHUARUMP DR. AND HOPE RD., STAMPED "SD 34 1989 RLS 10343"

**BENCHMARK**

BENCHMARK # "SD 34" N.C.S.D.

ELEVATION: 2580.24273 FT. (NAVD 83)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHUARUMP DR. AND HOPE RD., STAMPED "SD 34 1989 RLS 10343"

**GEOTECHNICAL NOTE:**

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 12 SEPTEMBER 02  
PROJECT NO.: 1055-022

**FEMA FLOOD ZONE**

FEMA MAP PANEL NO. 040508 2325C  
MAP UPDATED: OCT. 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

**ENGINEERING NOTES**

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

**LEGEND**

- = DRIVEWAY
- = HIGH POINT SWALE DIRECTION
- = EXISTING GRADE
- = FUTURE GRADE
- = TOP OF RET. WALL/TOP OF FOOTING
- = PAD HIGH POINT ELEVATION
- = FLOWLINE ELEVATION
- = CENTERLINE FINISHED GRADE ELEVATION
- = TOP OF CURB ELEVATION
- = FINISHED GRADE ELEVATION
- = RATE & DIRECTION OF SLOPE
- = TOP OF CURB STATIONING
- = RETAINING WALL
- = PERIMETER BLOCK WALL
- = PROPERTY LINE
- = GRADE BREAK
- = EASEMENT LINE
- = CENTER LINE
- = EXISTING LINE
- = FUTURE LINE
- = SCARP
- = FINISHED FLOOR ELEVATION
- = PAD ELEVATION
- = EXISTING CONTOUR
- = LOT NUMBER
- = SWALE
- = SUBDIVISION/UNIT BOUNDARY
- = 3-FT TRANSITION ("L" CURB TO "ROLL" CURB)
- = CURB, GUTTER, AND SIDEWALK
- = S/W RAMP
- = DRAINAGE EASEMENT
- = PUBLIC ACCESS EASEMENT
- = PRIVATE UTILITY EASEMENT

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or  
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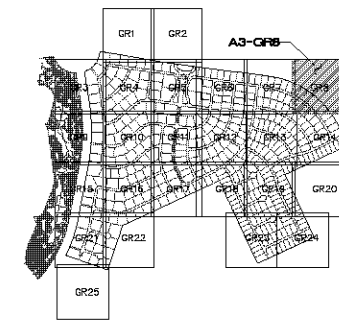
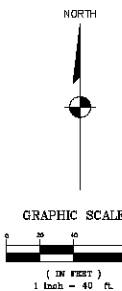


DATE	BY	REVISION

SCALE (H) 1" = 40'  
SCALE (V) 1" = 10'  
DRAWN BY: JS  
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Las Vegas, Nevada 89119  
Tel: (702) 445-9793  
Fax: (702) 445-9793  
www.stanleyconsultants.com

PHODES HONES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 7  
SHEET  
A3-GR7  
70 OF 94 SHEETS  
SCI PROJECT#  
18449



KEYMAP  
N.T.S.

**CONSTRUCTION NOTES**

- 1 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 2 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET DT4)
- 3 5' CURB TRANSITION PER DETAIL ON SHEET DT3
- 4 CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- 5 VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- 6 DROP CURB PER DETAIL ON SHEET DT3
- 7 SIDEWALK SCUPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
- 8 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- 9 TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

**BASIS OF BEARINGS**

NORTH 07°33'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD-83), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-ORUS.

M.G.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°08'21.57245"W (NAD 83) HEIGHT 2582.45991M (NAVD83)

STONE 1/4 COR 3/2 - LATITUDE 35°08'55.53395"N, LONGITUDE 114°10'30.72281"W (NAD 83) HEIGHT 2468.20458M (NAVD83)

**BENCHMARK**

BENCHMARK # "SD 34" N.C.S.D. ELEVATION= 2580.24273 FT (NAVD 83)  
DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHIMMAMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343"

**GEOTECHNICAL NOTE:**

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 15 SEPTEMBER 05  
PROJECT NO.: 1055-1222

**FEMA FLOOD ZONE**

FEMA MAP, PANEL NO. 040508 2325C  
MAP UPDATED: OCT. 20, 2000  
A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

**ENGINEERING NOTES**

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA DRAINAGE PLANS TO GET ACTUAL ELEVATION.

**LEGEND**

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
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- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
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- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 3" FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
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DATE	10-18-05

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Las Vegas, Nevada 89119  
Tel: (702) 445-9793  
www.stanleyconsultants.com

RHODES HONES ARIZONA, LLC  
GOLDEN VALLEY BRANCH  
AREA 3  
GRADING PLAN 8

SHEET  
A3-GR8  
71 OF 94 SHEETS  
SCI PROJECT#  
184-19

FOR CONTINUATION SEE SHEET A3-GR3

GOLF COURSE  
HOLE NO.  
16

LAKE - WSE = 2558

FOR GOLF COURSE GRADING SEE  
IMPROVEMENT PLANS BY TED ROBINSONGOLF COURSE  
HOLE NO.  
16

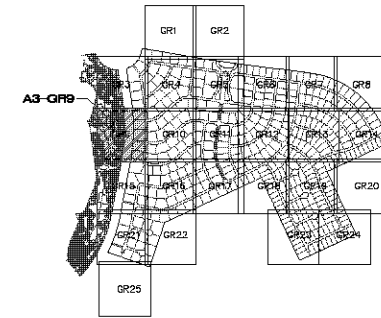
WSE - 2558

AZTEC ROAD  
(PUBLIC)  
ENCLOSURE ROAD GRADING SEE  
CONSTRUCTION PLANS BY STANLEY

FOR CONTINUATION SEE SHEET A3-GR2

NORTH

GRAPHIC SCALE

1" = 40' (N.E.S.T.)  
1 inch = 40 ft.KEYMAP  
N.T.S.

## CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET DT4)
- 5" CURB TRANSITION PER DETAIL ON SHEET DT3
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- DROP CURB PER DETAIL ON SHEET DT3
- SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

## BASIS OF BEARINGS

NORTH 00°33'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 16 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-OPUS.

M.C.S.D. "SD 32" - LATITUDE 35°09'22.70034"N,  
LONGITUDE 114°08'21.57245"W (NAD '83)  
HEIGHT 2582.45991H (NAVD83)

STONE 1/4 COR 3/2 - LATITUDE 35°08'55.53395"N,  
LONGITUDE 114°10'30.72281"W (NAD '83)  
HEIGHT 2468.20458H (NAVD83)

## BENCHMARK

BENCHMARK # "SD 34" N.C.S.D.  
ELEVATION: 2560.24273 FT. (NAVD '83)

DESCRIPTION: ALUM CAP "2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHUWAMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10043"

## GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE  
SOILS REPORT PREPARED BY: AMERICAN SOILS  
ENGINEERING, LLC  
DATED: 15 SEPTEMBER 05  
PROJECT NO.: 1055-020

## FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 040508 2325C  
MAP UPDATED: OCT. 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN  
AREA DESIGNATED AS A SPECIAL FLOOD HAZARD  
AREA ZONE "X". THE REMAINING PORTION OF THE  
SITE IS IDENTIFIED AS ZONE "C", WHICH IS  
OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE  
PLAN FOR BOUNDARY LOCATIONS.

## ENGINEERING NOTES

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA  
GRADING PLANS TO GET ACTUAL ELEVATION.

## LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 3 FT TRANSITION  
("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

## DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN  
HEREON ARE APPROXIMATE  
ONLY. IT SHALL BE THE  
CONTRACTOR'S RESPONSIBILITY  
TO DETERMINE THE EXACT  
HORIZONTAL AND VERTICAL  
LOCATION OF ALL EXISTING  
UNDERGROUND OR OVER-  
HEAD UTILITIES PRIOR TO  
COMMENCING CONSTRUCTION.  
NO REPRESENTATION IS MADE  
THAT ALL EXISTING UTILITIES  
ARE SHOWN HEREON. THE  
ENGINEER ASSUMES NO  
RESPONSIBILITY FOR UTILITIES  
NOT SHOWN OR UTILITIES  
NOT SHOWN IN THEIR PROPER  
LOCATION.

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2-see-back

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PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05



DATE	BY	REVISION

SCALE (H) 1" = 40'  
SCALE (V) 1" = 40'  
DRAWN BY JS  
CHECKED BY SH/JS  
DATE 10-18-05

3500 S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89119  
Tel: (702) 445-9793  
www.stanleyconsultants.com



ARIZONA

RHODES HONES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 9

MOHAVE COUNTY

SHEET  
A3-GR9  
72 OF 94 SHEETS  
SCI PROJECT#  
184-19



DATE	10-10-05
DRAWN BY	JS
CHECKED BY	SH/DB
SCALE (H) 1" = 40'	
SCALE (V) NONE	

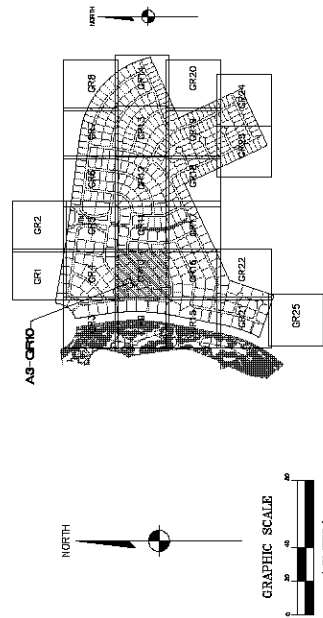
Stanley Consultants Inc.  
www.stanleyconsultants.com  
2000 S. Eastern Avenue, Suite 200  
Phoenix, Arizona 85016  
(602) 488-8888 (Toll Free) (602) 369-9793



RHODES HOMES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 10

MOHAVE COUNTY  
SHEET  
A3-CR10

73 OF 84 SHEETS  
SD PROJECT#  
10174



KEYMAP  
N.T.S.

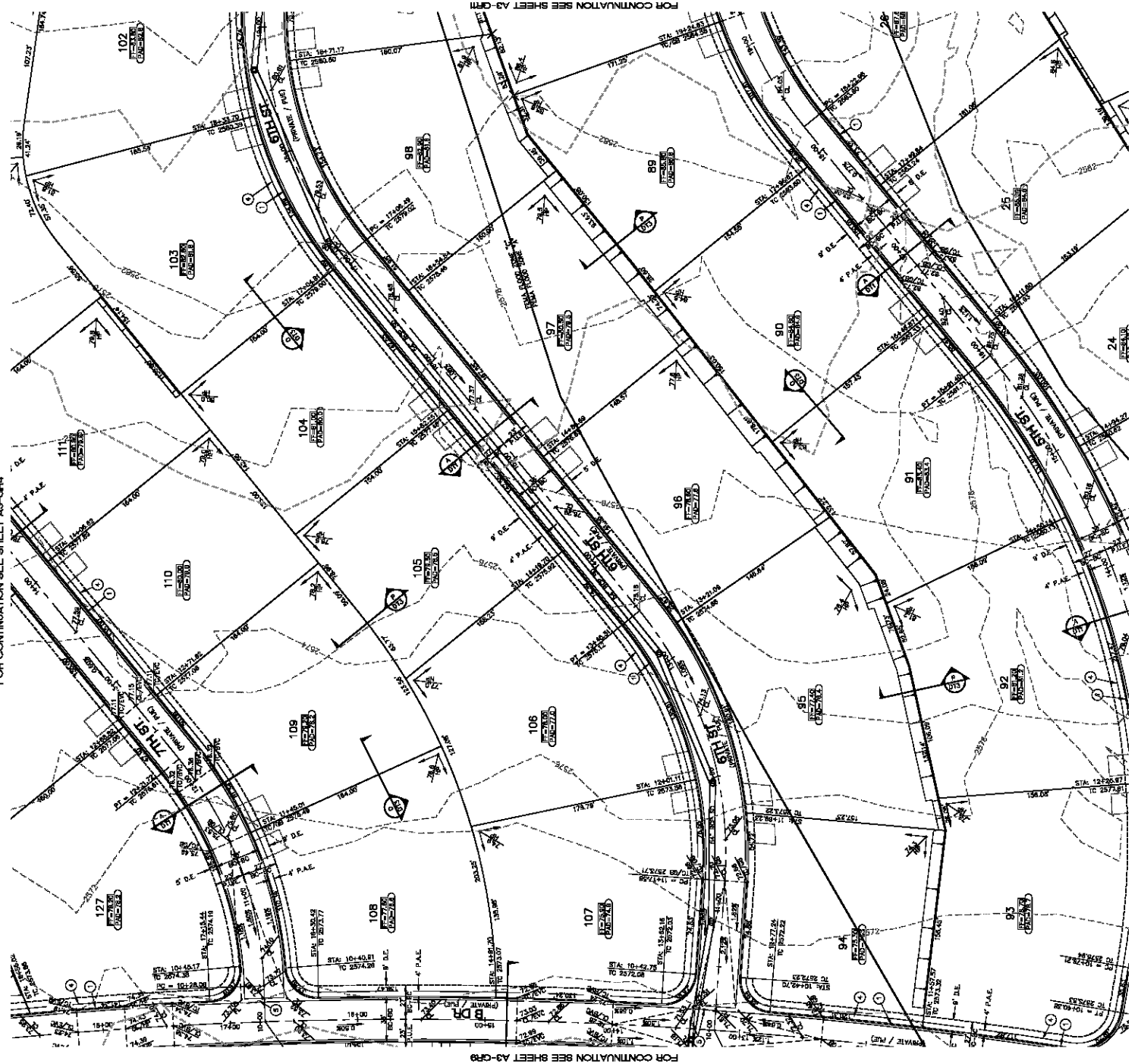
- CONSTRUCTION NOTES**
- 30" ROLL CURB AND GUTTER PER DETAIL NO. 27A ON SHEET D74
  - 24" VERTICAL CURB AND GUTTER PER M.A.S. STD. DETAIL NO. 225 (TYPE A) (SEE DETAIL SHEET D74)
  - 5' CURB TRANSITION PER DETAIL ON SHEET D74
  - CONCRETE SIDEWALK PER M.A.S. STANDARD DETAIL NO. 230
  - VALLEY CUTTER PER M.A.S. STANDARD DETAIL NO. 240
  - DRIP CURB PER DETAIL ON SHEET D74
  - SEWAL'S SLOPES PER M.A.S. STANDARD DETAIL NO. 233 (SEE DETAIL SHEET D75)
  - AS SHOWN PER M.A.S. STD. DETAIL NO. 238 (TYPE B) (SEE DETAIL SHEET D74)
  - TYPE A SINGLE CURB PER M.A.S. STD. DETAIL NO. 222
- NOTE: ALL NOTES NOT USED ON ALL SHEETS
- LEGEND**
- DRIVEWAY
  - HIGH POINT SPALL DIRECTION
  - EXISTING GRADE
  - FUTURE GRADE
  - TOP OF RET. WALL/TOP OF FOOTING
  - PAO HIGH POINT ELEVATION
  - FLOWLINE ELEVATION
  - CENTERLINE FINISHED GRADE ELEVATION
  - TOP OF CURB ELEVATION
  - FINISHED GRADE ELEVATION
  - RATE & DIRECTION OF SLOPE
  - TOP OF CURB STATONING
  - RETAINING WALL
  - PERMETER BLOCK WALL
  - PROPERTY LINE
  - GRADE BREAK
  - EASEMENT LINE
  - CENTER LINE
  - EXISTING LINE
  - FUTURE LINE
  - SCAMP
  - FINISHED FLOOR ELEVATION
  - PAO ELEVATION
  - EXISTING CONTOUR
  - LOT NUMBER
  - SWALE
  - SUBORDINATE BOUNDARY
  - 3 FT TRANSITION
  - 1/2" CURB TO "ROLL" CURB
  - CURB, GUTTER, AND SIDEWALK
  - 5/8" RAMP
  - DRAINAGE EASEMENT
  - PUBLIC ACCESS EASEMENT
  - PRIVATE UTILITY EASEMENT
- DISCLAIMER NOTE**
- THESE PLANS AND SPECIFICATIONS ARE PRELIMINARY. THEY ARE NOT TO BE USED FOR CONSTRUCTION. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE EXISTING CONDITIONS AND UTILITIES. THE ENGINEER ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE EXISTING CONDITIONS AND UTILITIES. THE ENGINEER ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS.
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**GEOTECHNICAL NOTE:**  
ALL CONSTRUCTION SHALL CONFORM WITH THE  
RECOMMENDATIONS OF THE GEOTECHNICAL  
ENGINEERING, L.L.C. PREPARED BY AMERICAN SOILS  
ENGINEERING, L.L.C. DATED 12 SEPTEMBER 05  
PROJECT NO. 1008-05

**FEMA FLOOD ZONE**  
FLOOD ZONE MAP DATED OCT. 10, 2000  
PROJECT NO. 1008-05

**ENGINEERING NOTES**  
ADD 2500 TO ALL ELEVATIONS LESS THAN 500 ON AREA  
GRADING PLANS TO GET ACTUAL ELEVATION

PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05



FOR CONTINUATION SEE SHEET A3-CR4

FOR CONTINUATION SEE SHEET A3-CR8

FOR CONTINUATION SEE SHEET A3-CR8





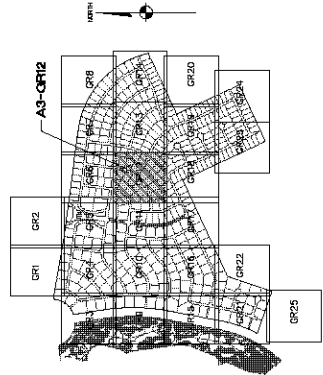
DATE	10-10-05
DRAWN BY	JS
CHECKED BY	SH/DB
SCALE (H) 1" = 40'	
SCALE (V) NONE	

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Mesa, Arizona 85205  
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RHODES HOMES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 12

SHEET  
A3-QR12  
75 OF 84 SHEETS  
SD PROJECT#  
1232-15



KEYMAP  
N.T.S.

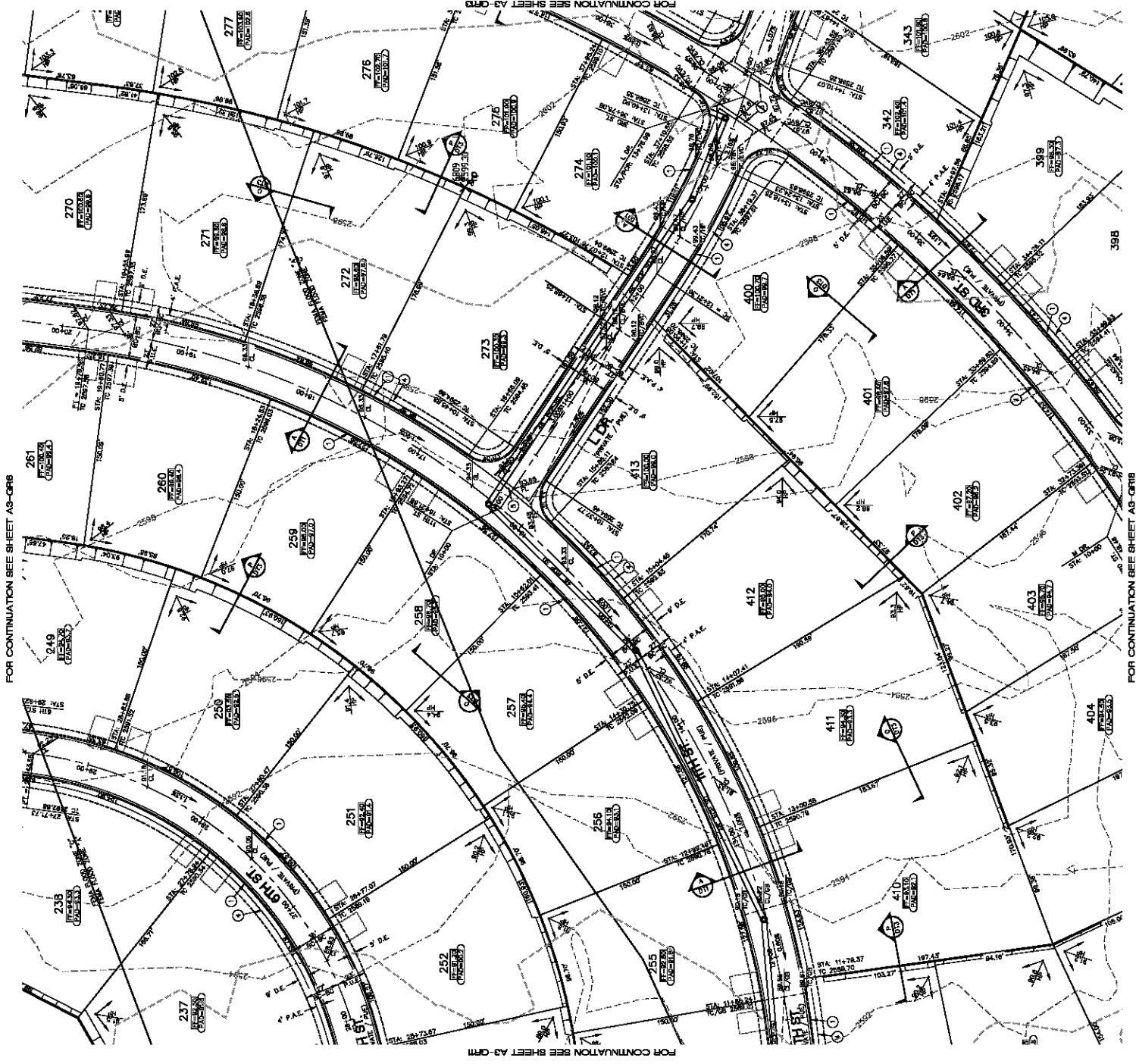
- CONSTRUCTION NOTES**
- 30" ROLL CURB AND CUTTER PER DETAIL NO. 274 ON SHEET D74
  - 24" VERTICAL CURB AND CUTTER PER M.A.S. STD. DETAIL NO. 225 (TYPE A) (SEE DETAIL SHEET D74)
  - 5' CURB TRANSITION PER DETAIL ON SHEET D74
  - CONCRETE SIDEWALK PER M.A.S. STANDARD DETAIL NO. 230
  - VALLEY CUTTER PER M.A.S. STANDARD DETAIL NO. 240
  - DROP CURB PER DETAIL ON SHEET D74
  - SEWAL'S SCOURPER PER M.A.S. STANDARD DETAIL NO. 233
  - AS PAVED SIDEWALK PER M.A.S. STD. DETAIL NO. 238 (TYPE B) (SEE DETAIL SHEET D74)
  - TYPE A SINGLE CURB PER M.A.S. STD. DETAIL NO. 222
- NOTE: ALL NOTES NOT USED ON ALL SHEETS
- LEGEND**
- DRIVEWAY
  - HIGH POINT SPALL DIRECTION
  - EXISTING GRADE
  - FUTURE GRADE
  - TOP OF RET. WALL/TOP OF FOOTING
  - PAO HIGH POINT ELEVATION
  - FLOWLINE ELEVATION
  - CENTERLINE FINISHED GRADE ELEVATION
  - TOP OF CURB ELEVATION
  - FINISHED GRADE ELEVATION
  - RATE & DIRECTION OF SLOPE
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  - SCAMP
  - FINISHED FLOOR ELEVATION
  - PAO ELEVATION
  - EXISTING CONTOUR
  - LOT NUMBER
  - SWALE
  - SUBORDINATE BOUNDARY
  - 3 FT TRANSITION
  - CURB, CUTTER, AND SIDEWALK
  - 5' W RAMP
  - DRAINAGE EASEMENT
  - PUBLIC ACCESS EASEMENT
  - PRIVATE UTILITY EASEMENT
- DISCLAIMER NOTE**
- THIS PLAN AND SPECIFICATIONS ARE PREPARED BY THE ENGINEER AND ARE NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE DATA PROVIDED BY OTHER SOURCES. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT OR FOR THE SAFETY OF THE PUBLIC. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE STRUCTURES OR FOR THE STABILITY OF THE EARTH. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE FOUNDATIONS OR FOR THE DESIGN OF THE RETAINING WALLS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE DRAINAGE SYSTEMS OR FOR THE DESIGN OF THE EROSION CONTROL MEASURES. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE LANDSCAPE ARCHITECTURE OR FOR THE DESIGN OF THE UTILITIES. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE TRAFFIC SIGNALS OR FOR THE DESIGN OF THE TRAFFIC CONTROL DEVICES. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE TRAFFIC LIGHTS OR FOR THE DESIGN OF THE TRAFFIC CAMERAS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE TRAFFIC SIGNS OR FOR THE DESIGN OF THE TRAFFIC MARKINGS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE TRAFFIC BARRIERS OR FOR THE DESIGN OF THE TRAFFIC FENCES. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE TRAFFIC LIGHTS OR FOR THE DESIGN OF THE TRAFFIC CAMERAS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE TRAFFIC SIGNS OR FOR THE DESIGN OF THE TRAFFIC MARKINGS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE TRAFFIC BARRIERS OR FOR THE DESIGN OF THE TRAFFIC FENCES.
- ENGINEERING NOTES**
- AD 2500 TO ALL ELEVATIONS LESS THAN 500 ON AREA GRADING PLANS TO SET ACTUAL ELEVATION

**DISCLAIMER NOTE**

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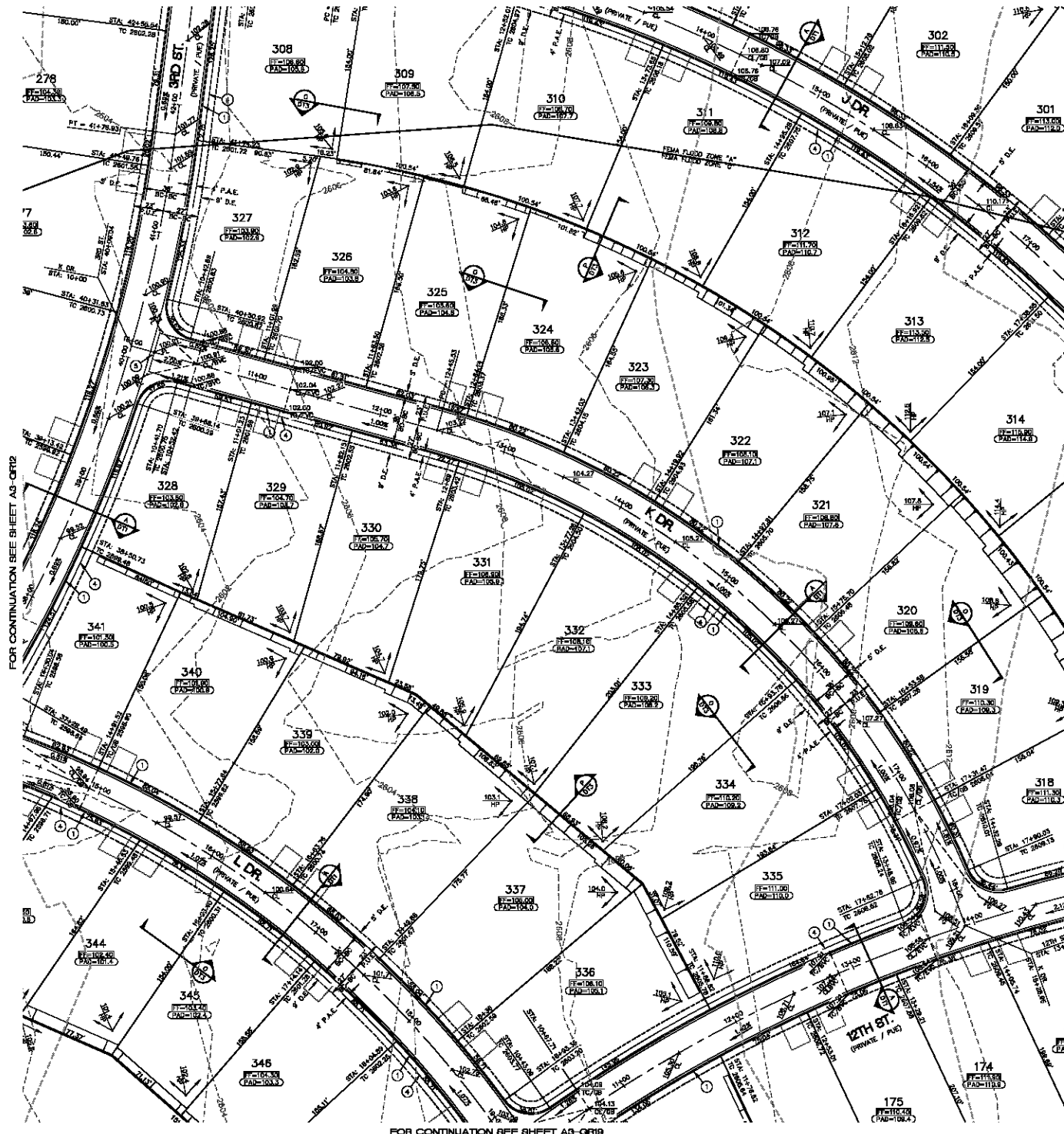
**ENGINEERING NOTES**

AD 2500 TO ALL ELEVATIONS LESS THAN 500 ON AREA GRADING PLANS TO SET ACTUAL ELEVATION

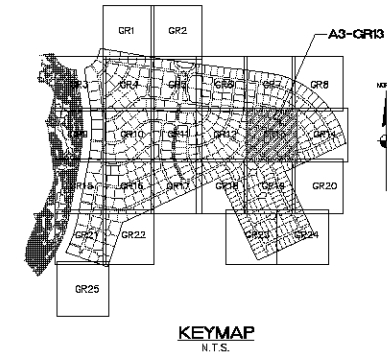
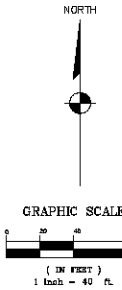


PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05

FOR CONTINUATION SEE SHEET A3-CR7



FOR CONTINUATION SEE SHEET A3-CR19



**CONSTRUCTION NOTES**

- 1 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 2 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET DT4)
- 3 5" CURB TRANSITION PER DETAIL ON SHEET DT3
- 4 CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- 5 VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- 6 DROP CURB PER DETAIL ON SHEET DT3
- 7 SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
- 8 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- 9 TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

**BASIS OF BEARINGS**

NORTH 00°33'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 16 WEST, CL 4 & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-ORUS.

M.G.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°08'21.57245"W (NAD '83) HEIGHT 2582.45991M (NAVD83)

STONE 1/4 COR 3/2 - LATITUDE 35°08'55.53395"N, LONGITUDE 114°10'30.72281"W (NAD '83) HEIGHT 2468.20450M (NAVD83)

**BENCHMARK**

BENCHMARK # "SD 34" M.G.S.D. ELEVATION: 2580.24273 FT (NAVD '83)  
DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHUARUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343"

**GEOTECHNICAL NOTE:**

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 15 SEPTEMBER 03  
PROJECT NO: 1055-022

**FEMA FLOOD ZONE**

FEMA MAP PANEL NO. 040509 2329C  
MAP UPDATED: OCT 10, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

**ENGINEERING NOTES**

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

**LEGEND**

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
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- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/LAND BOUNDARY
- 3 FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

**DISCLAIMER NOTE**

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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CHECKED BY	SH/JS
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SCALE (H) 1" = 40'	
SCALE (V) 1" = 10'	
PROJECT NO.	1055-022
SHEET	A3-CR13
OF 94 SHEETS	

Stanley Consultants Inc.  
3500 S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89119  
Tel: 702.446.9793  
www.stanley.com

RHODES HONES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 13

MOHAVE COUNTY  
SHEET  
A3-CR13  
78 OF 94 SHEETS  
SCI PROJECT#  
184-19

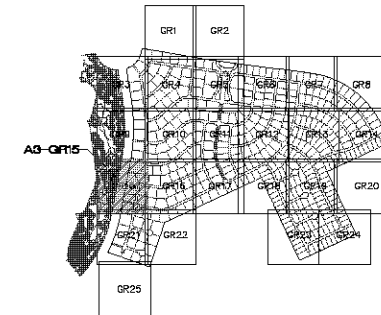
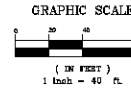


FOR CONTINUATION SEE SHEET A3-QR8



FOR CONTINUATION SEE SHEET A3-QR21

NORTH



KEYMAP  
N.T.S.

# CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET D14)
- 5' CURB TRANSITION PER DETAIL ON SHEET D13
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- DROP CURB PER DETAIL ON SHEET D13
- SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D14)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D14)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

# BASIS OF BEARINGS

NORTH 00°33'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 16 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOB-OPUS.

M.C.S.D. "SD 32" - LATITUDE 35°08'25.70034"N, LONGITUDE 114°03'21.57249"W (NAD 83) HEIGHT 2582.43391M (NAVD83)  
STONE 1/4 COR 3/2 - LATITUDE 35°08'53.53385"N, LONGITUDE 114°10'30.72281"W (NAD 83) HEIGHT 2488.20458M (NAVD83)

# BENCHMARK

BENCHMARK # "SD 34" N.C.S.D. ELEVATION: 2580.4273 FT (NAVD 83)  
DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHIVARUP DR. AND HOPE RD., STAMPED "SD 34 1989 RLS 10343"

# GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 12 SEPTEMBER 05  
PROJECT NO.: 1050-020

# FEMA FLOOD ZONE

FEMA MAP PANEL NO. 040508 2326C  
MAP UPDATED OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

# ENGINEERING NOTES

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

# LEGEND

- = DRIVEWAY
- = HIGH POINT SWALE DIRECTION
- = EXISTING GRADE
- = FUTURE GRADE
- = TOP OF RET. WALL/TOP OF FOOTING
- = PAD HIGH POINT ELEVATION
- = FLOWLINE ELEVATION
- = CENTERLINE FINISHED GRADE ELEVATION
- = TOP OF CURB ELEVATION
- = FINISHED GRADE ELEVATION
- = RATE & DIRECTION OF SLOPE
- = TOP OF CURB STATIONING
- = RETAINING WALL
- = PERIMETER BLOCK WALL
- = PROPERTY LINE
- = GRADE BREAK
- = EASEMENT LINE
- = CENTER LINE
- = EXISTING LINE
- = FUTURE LINE
- = SCARP
- = FINISHED FLOOR ELEVATION
- = PAD ELEVATION
- = EXISTING CONTOUR
- = LOT NUMBER
- = SWALE
- = SUBDIVISION/UNIT BOUNDARY
- = 3-FT TRANSITION ("L" CURB TO "ROLL" CURB)
- = CURB, GUTTER, AND SIDEWALK
- = S/W RAMP
- = DRAINAGE EASEMENT
- = PUBLIC ACCESS EASEMENT
- = PRIVATE UTILITY EASEMENT

# DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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or  
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or  
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PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05



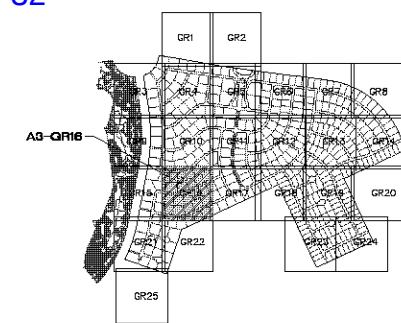
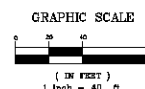
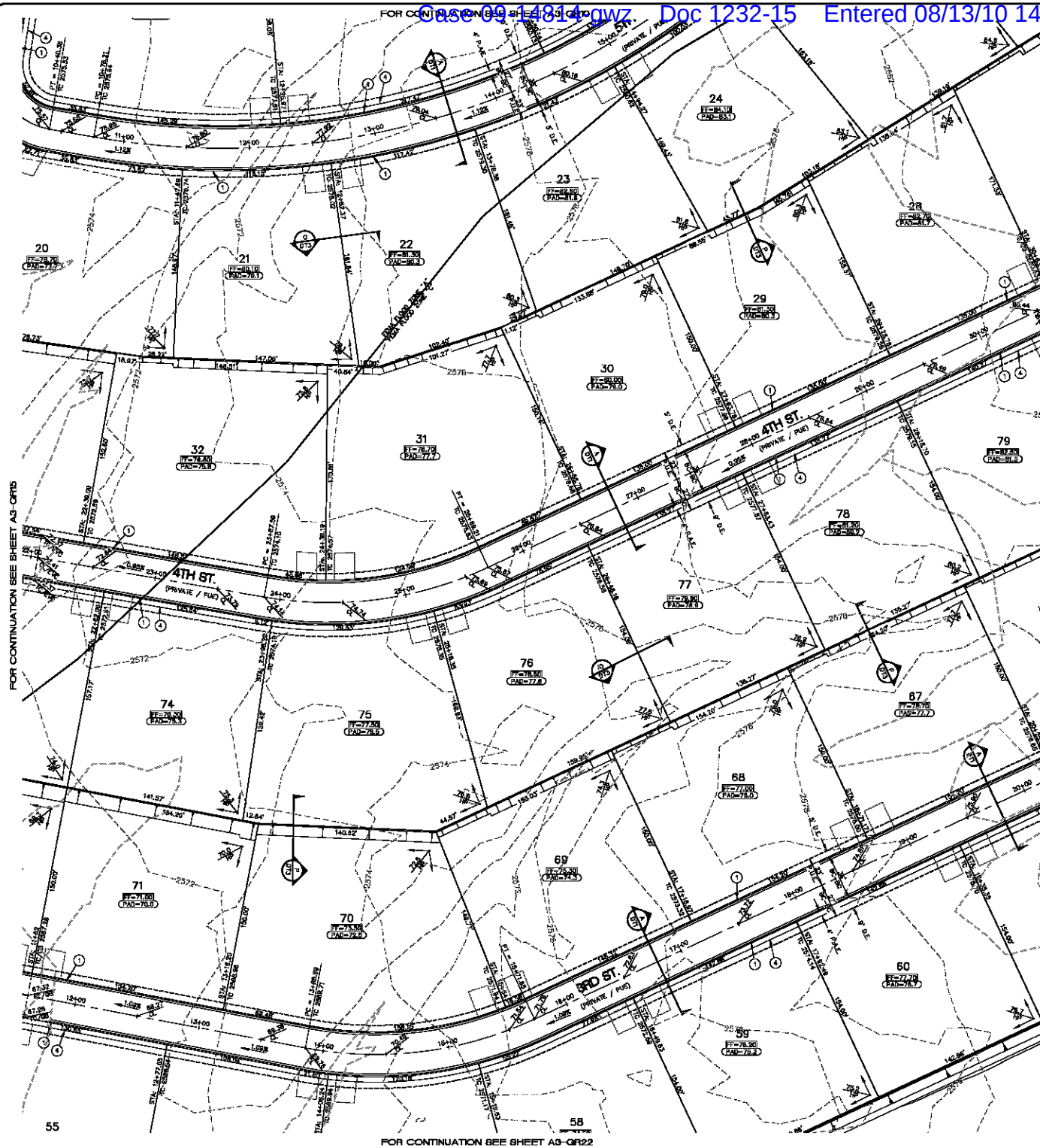
DATE	10-18-05
BY	STANLEY CONSULTANTS INC.
CHECKED BY	SH/JS
DATE	10-18-05

SCALE (H) 1" = 40'  
SCALE (V) 1" = 40'  
DRAWN BY JS  
CHECKED BY SH/JS  
DATE 10-18-05

3500 S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89119  
Tel: 702.735.1111 Fax: 702.735.1112  
www.stanleyconsultants.com

PHODES HONES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 15  
MOHAVE COUNTY  
ARIZONA

SHEET  
A3-QR15  
78 OF 94 SHEETS  
SCI PROJECT#  
184-19



KEYMAP  
N.T.S.

**CONSTRUCTION NOTES**

- 1 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 2 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET DT4)
- 3 5" CURB TRANSITION PER DETAIL ON SHEET DT3
- 4 CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- 5 VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- 6 DROP CURB PER DETAIL ON SHEET DT3
- 7 SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
- 8 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- 9 TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

**BASIS OF BEARINGS**

NORTH 00°33'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 16 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-ORUS.

M.C.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°08'21.57245"W (NAD 83) HEIGHT 2582.4591M (NAVD83)

STONE 1/4 COR 3/2 - LATITUDE 35°08'55.53386"N, LONGITUDE 114°10'30.72281"W (NAD 83) HEIGHT 2468.20458M (NAVD83)

**BENCHMARK**

BENCHMARK # "SD 34" M.C.S.D. ELEVATION: 2582.4523 FT (NAVD 83)  
DESCRIPTION: ALUM CAP 2" DIA, SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHUARUMP DR. AND HOPE RD., STAMPED "SD 34 1988 RLS 10043"

**GEOTECHNICAL NOTE:**

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 12 SEPTEMBER 05  
PROJECT NO. 1055-022

**FEMA FLOOD ZONE**

FEMA MAP: PANEL NO. 040505 2325C  
MAP UPDATED: OCT 20, 2000  
A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100-YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

**ENGINEERING NOTES**

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

**LEGEND**

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 5' TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

**DISCLAIMER NOTE**

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**Stanley Consultants Inc.**

PHOENIX ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 16

MOHAVE COUNTY  
ARIZONA

SHEET  
**A3-QR16**  
79 OF 94 SHEETS  
SCI PROJECT#  
18419

SCALE (H) 1" = 40'  
SCALE (V) 1" = 10'  
DRAWN BY: JS  
CHECKED BY: SH/JS  
DATE: 10-18-05

SEED: S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89113  
Tel: (702) 445-9793  
www.stanleyconsultants.com



FOR CONNECTION SEE INVERT SHEET 9-081B



- ① 30" ROLL CURBS AND GUTTER PER DETAIL NO. 217A ON SHEET D70
- ② 24" VERTICAL CURBS AND GUTTER PER M.A.S. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET D74)
- ③ 12" CURB TRANSITION PER DETAIL ON SHEET D73
- ④ CONCRETE SIDEWALK PER M.A.S. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D74)
- ⑤ VALLEY GUTTER PER M.A.S. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D74)
- ⑥ DROP CURBS PER DETAIL ON SHEET D75
- ⑦ SIDEWALK SLOPPER PER M.A.S. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D75)
- ⑧ 24" RIBBED CURBS PER M.A.S. STD. DETAIL NO. 280 (TYPE B) (SEE DETAIL SHEET D74)
- ⑨ TYPE A SINGLE CURB PER M.A.S. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

NORTH 00°38' EAST - THE WEST LINE OF THE NORTHWEST QUARTER  
(NW 1/4) OF SECTION 02, TOWNSHIP 18 NORTH, RANGE 18 WEST, GILA &  
SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE  
ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE,  
INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS  
PROCESSED BY WGS-84US.

M.C.S.D. "SD 32" -      LATITUDE 35°09'22.70034"N.  
                                LONGITUDE 114°06'21.57240"W (NAD '83)  
                                HEIGHT 2582.46391ft (NAV'D80)

BENCHMARK # \*SD 34 \*M.C.S.D.  
ELEVATION- 2580.2+273 IFT (NAVO '88)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF  
THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE  
INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED \*SD 34 19  
RLS 10343.

ALL CONSTRUCTION SHALL CONFORM WITH THE  
SOILS REPORT PREPARED BY: AMERICAN SOILS  
ENGINEERING, LLC.  
DATED: 12 SEPTEMBER 05  
PROJECT No.: 1080-GE0

FEMA MAP: PANEL NO. 04005B 2325G  
MAP UPDATE: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

= DRIVEWAY  
 - HIGH POINT SWALE DIRECTION  
 = EXISTING GRADE  
 - FUTURE GRADE  
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 = CENTERLINE FINISHED GRADE ELEVATION  
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 = RATE & DIRECTION OF SLOPE  
 - TOP OF CURB STATIONING  
 = RETAINING WALL  
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 = CENTER LINE  
 = EXISTING LINE  
 = FUTURE LINE  
 = SCARP  
 = FINISHED FLOOR ELEVATION  
 = PAD ELEVATION  
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 = LOT NUMBER  
 = SWALE  
 = SUBDIVISION/UNIT BOUNDARY  
 = 3 FT TRANSITION  
 ("L" CURBS TO "ROLL" CURB)  
 = CURB, GUTTER, AND SIDEWALK  
 = S/W RAMP  
 = DRAINAGE EASEMENT  
 = PUBLIC ACCESS EASEMENT  
 = PRIVATE UTILITY EASEMENT

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**Avoid overhead power  
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Overhead**  
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PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05



SCALE (H) 1" = 40'  
SCALE (V) NONE  
DRAWN BY JS  
CHECKED BY SH/DB  
DATE 10-18-05

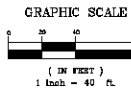
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Las Vegas, Nevada 89119  
(702) 369-9396 Fax (702) 369-9783  
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	ARIZONA
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PHODES HOMES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 17

SHEET  
**A3-GR17**  
80 OF 94 SHEETS  
SCI PROJECT#  
18449



**KEYMAP**  
N.T.S.

**LEGEND**



NOTE: ALL NOTES NOT USED ON ALL SHEETS

NORTH 00°13'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (IFT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-CPUS.

M.C.S.D. \*SD 32\* - LATITUDE 35°09'22.70034"N  
LONGITUDE 114°08'21.57240"E  
HEIGHT 2582.4839114 (M)

STONE 1/4 COR 3/2 = LATITUDE 35°08'55.53386"N,  
LONGITUDE 114°10'30.72281"W (NAD '83)  
HEIGHT 2488.20458ft (NAVD'88)

BENCHMARK # "SD 34" M.C.S.D.  
ELEVATION- 2350.2+273 IFT (NAVO '89)  
DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF  
THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE  
INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 198  
RLS 10343"

ALL CONSTRUCTION SHALL CONFORM WITH THE  
SOILS REPORT PREPARED BY: AMERICAN SOILS  
ENGINEERING, LLC.  
DATED: 12 SEPTEMBER 05  
PROJECT No.: 1080-GEO

FEMA MAP: PANEL NO. 04005B 2325C  
MAP UPDATE: OCT 20, 2020

A PORTION OF THE PROJECT SITE LIES WITHIN  
AREA DESIGNATED AS A SPECIAL FLOOD HAZARD  
AREA ZONE "A". THE REMAINING PORTION OF  
SITE IS IDENTIFIED AS ZONE "C", WHICH IS  
OUTSIDE THE AREA OF THE 100 YEAR STORM,  
PLAN FOR BOUNDARY LOCATIONS.

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

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SH/DB	
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**INC.**

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Sta

17

18

AREA 3  
FLOOR PLAN

AF  
GRADIN

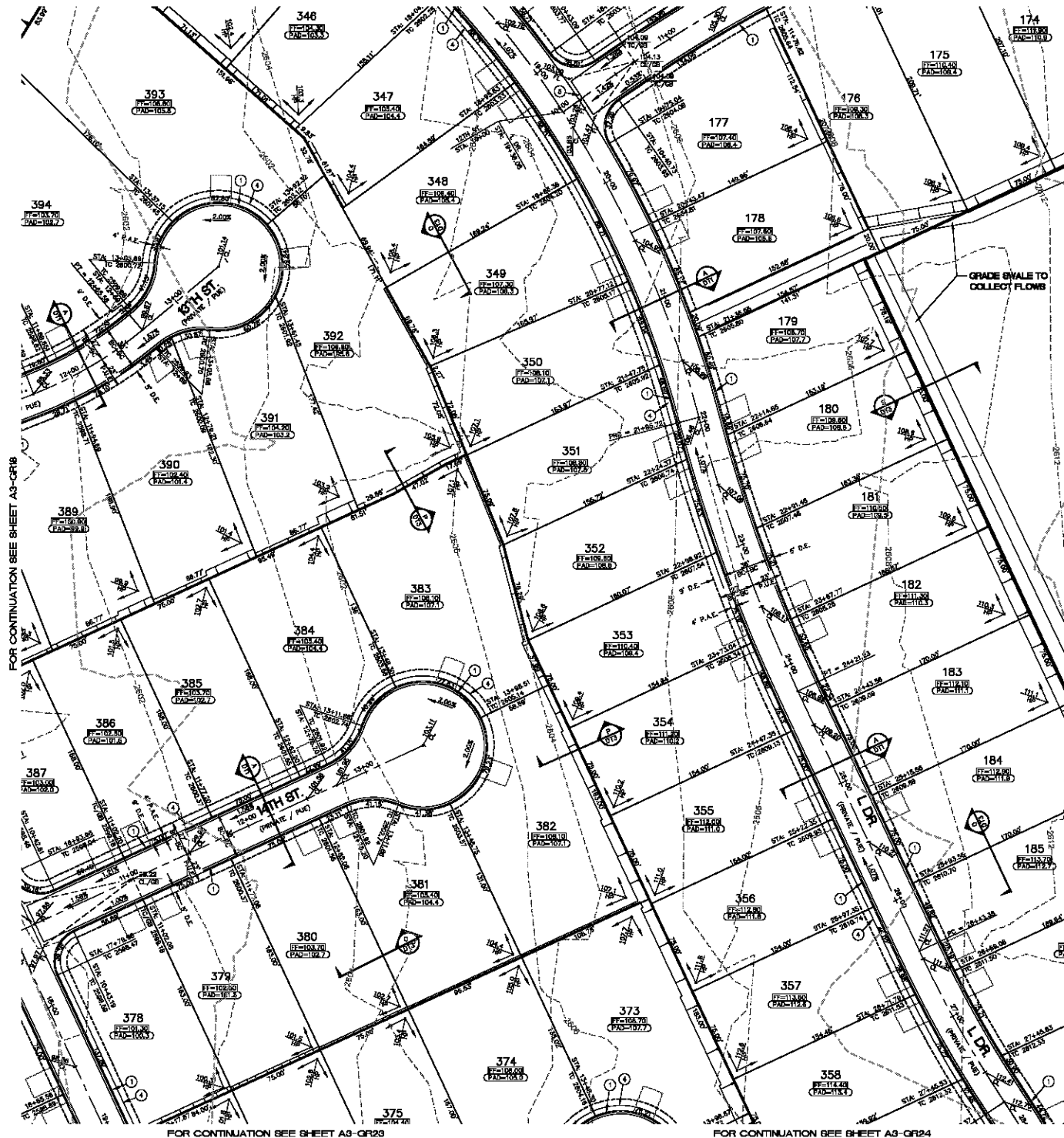
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	SHEET

**A3-GR18**  
B1 OF 94 SHEETS  
SCI PROJECT#  
18449

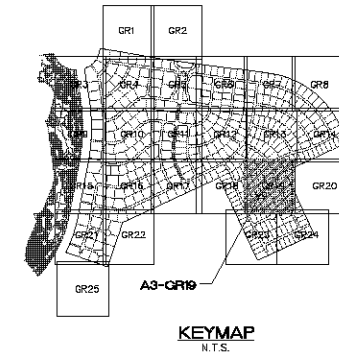
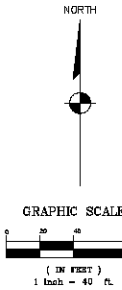
11

FOR CONTINUATION SEE SHEET A3-QR13



FOR CONTINUATION SEE SHEET A3-QR23

FOR CONTINUATION SEE SHEET A3-QR24



### CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET D14)
- 5" CURB TRANSITION PER DETAIL ON SHEET D13
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- DROP CURB PER DETAIL ON SHEET D13
- SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D14)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D14)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

### BASIS OF BEARINGS

NORTH 00°33'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 16 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-ORUS.

M.C.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°08'21.57245"W (NAD '83) HEIGHT 2582.45911H (NAVD83)

STONE 1/4 COR 3/2 - LATITUDE 35°08'55.53385"N, LONGITUDE 114°10'30.72281"W (NAD '83) HEIGHT 2468.20458H (NAVD83)

### BENCHMARK

BENCHMARK # "SD 34" M.C.S.D. ELEVATION: 2580.4253 FT (NAVD '83)  
DESCRIPTION: ALUM CAP 2" DIA, SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHUARUMP DR. AND HOPE RD., STAMPED "SD 34 1988 RLS 10043"

### GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 15 SEPTEMBER 02  
PROJECT NO.: 1055-022

### FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 040509 2325C  
MAP UPDATED: OCT. 2000  
A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100-YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

### ENGINEERING NOTES

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

### LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
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- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/LAND BOUNDARY
- 3 FT TRANSITION
- "L" CURB TO "ROLL" CURB
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
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### DISCLAIMER NOTE

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PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05



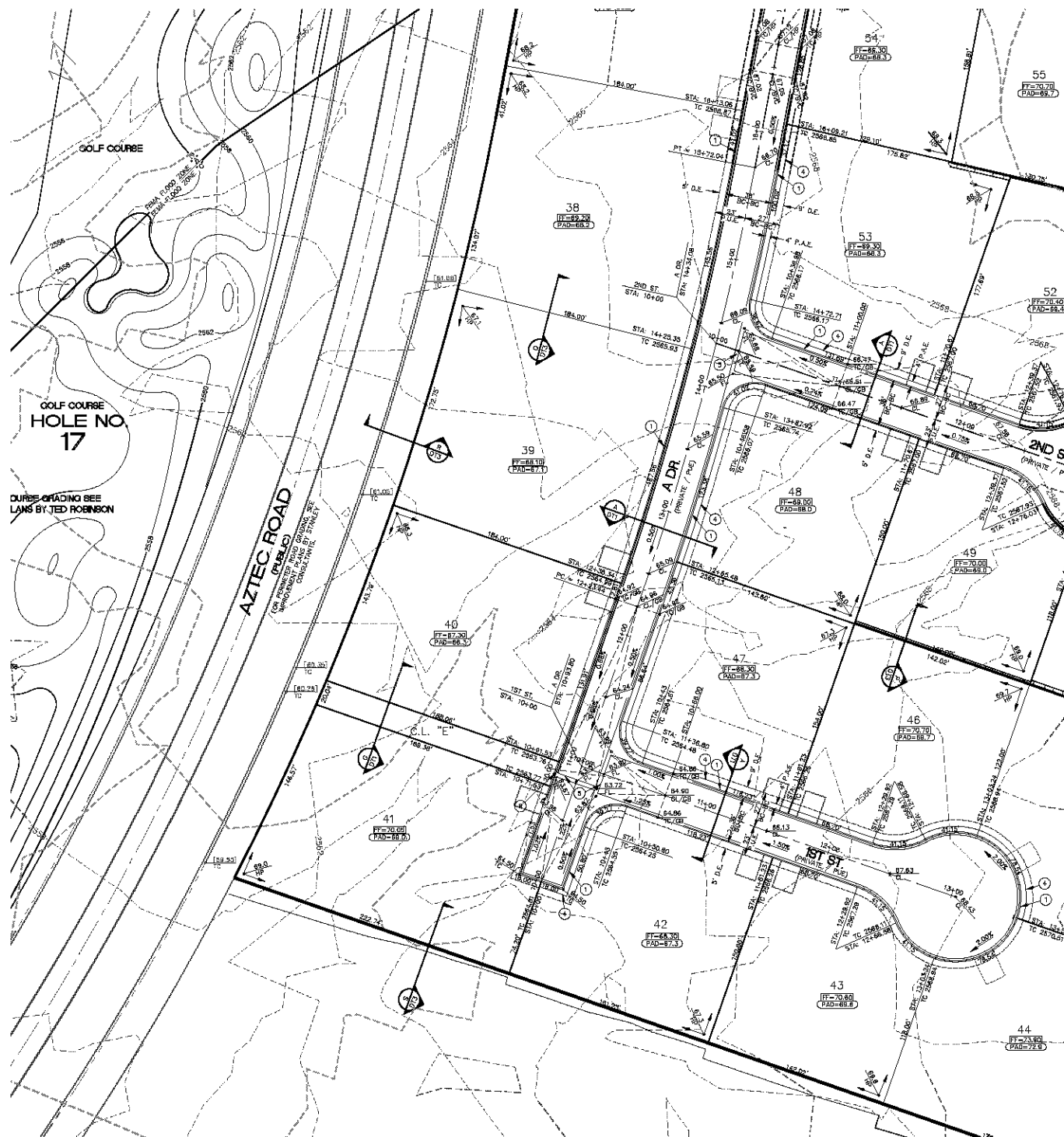
DATE	BY	REVISION
10-18-05	SH/JS	10-18-05

SCALE (H) 1" = 40'  
SCALE (V) 1" = 4'  
DRAWN BY JS  
CHECKED BY SH/JS  
DATE 10-18-05

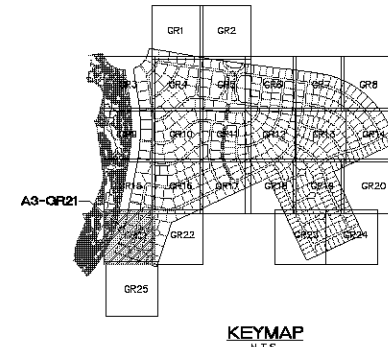
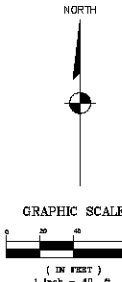
Stanley Consultants Inc.  
3500 S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89119  
Tel: (702) 446-9793  
www.stanleyconsultants.com

RHODES HONES ARIZONA, LLC  
GOLDEN VALLEY RANCH  
AREA 3  
GRADING PLAN 19  
SHEET  
A3-QR19  
82 OF 94 SHEETS  
SCI PROJECT#  
184-19

FOR CONTINUATION SEE SHEET A3-QR15



FOR CONTINUATION SEE SHEET A3-QR25



#### CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET DT4)
- 5' CURB TRANSITION PER DETAIL ON SHEET DT3
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- DROP CURB PER DETAIL ON SHEET DT3
- SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

#### BASIS OF BEARINGS

NORTH 00°33'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 16 WEST, G1A & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-ORUS.

M.G.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°08'21.57245"W (NAD '83) HEIGHT 2582.45991M (NAVD'83)

STONE 1/4 COR 3/2 - LATITUDE 35°08'55.53386"N, LONGITUDE 114°10'30.72281"W (NAD '83) HEIGHT 2468.20450M (NAVD'83)

#### BENCHMARK

BENCHMARK # "50 34" N.C.S.D. ELEVATION: 2580.24273 FT (NAVD '83)  
 DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHUARUP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343"

#### GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
 DATED: 12 SEPTEMBER 02  
 PROJECT NO.: 1050-002

#### FEMA FLOOD ZONE

FEMA MAP, PANEL NO. 040509 2329C  
 MAP UPDATED: OCT. 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

#### ENGINEERING NOTES

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

#### LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/LAND BOUNDARY
- 3 FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

#### DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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 8-AM-5PM M-F

Call before you dig  
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 8-AM-5PM M-F

PRELIMINARY ISSUE FOR REVIEW  
 NOT FOR CONSTRUCTION 10-18-05



DATE	BY	REVISION

SCALE (H) 1" = 40'  
 SCALE (V) 1" = 10'  
 DRAWN BY: JS  
 CHECKED BY: SH/SH/DB  
 DATE: 10-18-05

3500 S. Eastern Avenue, Suite 300  
 Las Vegas, Nevada 89119  
 (702) 445-9793  
 www.stanleyconsultants.com

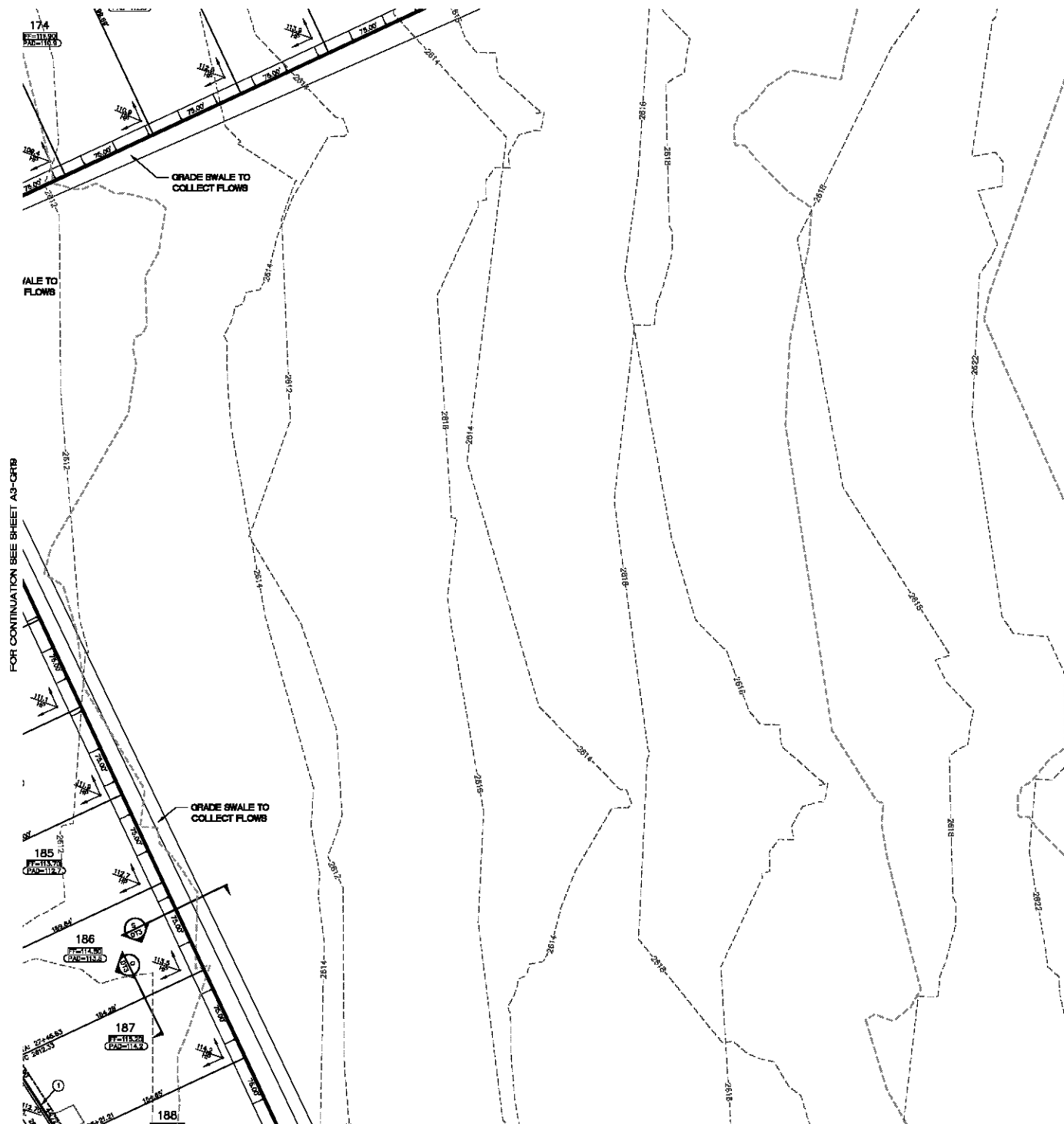
**Stanley Consultants Inc.**

PHOENIX HONAS ARIZONA, LLC  
 GOLDEN VALLEY RANCH  
 AREA 3  
 GRADING PLAN 21

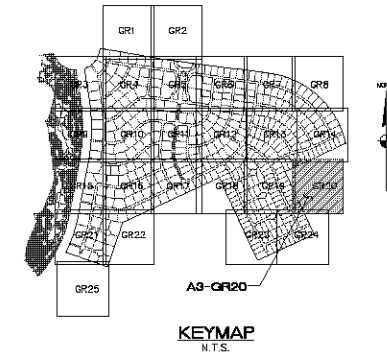
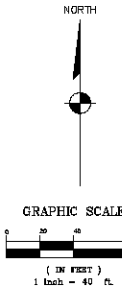
MOHAVE COUNTY  
 ARIZONA

SHEET  
**A3-QR21**  
 84 OF 94 SHEETS  
 SCI PROJECT#  
 184-19

FOR CONTINUATION SEE SHEET A3-QR14



FOR CONTINUATION SEE SHEET A3-QR24



### CONSTRUCTION NOTES

- 1 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 2 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET D14)
- 3 5' CURB TRANSITION PER DETAIL ON SHEET D13
- 4 CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- 5 VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- 6 DROP CURB PER DETAIL ON SHEET D13
- 7 SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D14)
- 8 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D14)
- 9 TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

### BASIS OF BEARINGS

NORTH 00°33'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 16 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-GRUS.

M.C.S.D. "SD 32" - LATITUDE 35°08'25.70034"N, LONGITUDE 114°03'21.57240"W (NAD '83), HEIGHT 2582.43581H (NAVD'83)

STONE 1/4 COR 3/2 = LATITUDE 35°08'59.53385"N, LONGITUDE 114°03'30.72281"W (NAD '83), HEIGHT 2498.20458H (NAVD'83)

### BENCHMARK

BENCHMARK # "SD 34" N.C.S.D., ELEVATION: 2580.2423 FT (NAVD '83)  
DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHUARUMP DR. AND HOPE RD., STAMPED "SD 34 1989 RLS 10343"

### GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 12 SEPTEMBER 05  
PROJECT NO.: 1050-020

### FEMA FLOOD ZONE

FEMA MAP PANEL NO. 040508 2325C  
MAP UPDATED: OCT. 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

### ENGINEERING NOTES

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

### LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 3 FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

### DISCLAIMER NOTE

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2-see-back

PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05



DATE	10-18-05
CHECKED BY	SH/JS
DRAWN BY	JS
SCALE (H) 1" = 40'	
SCALE (V) 1" = 4'	

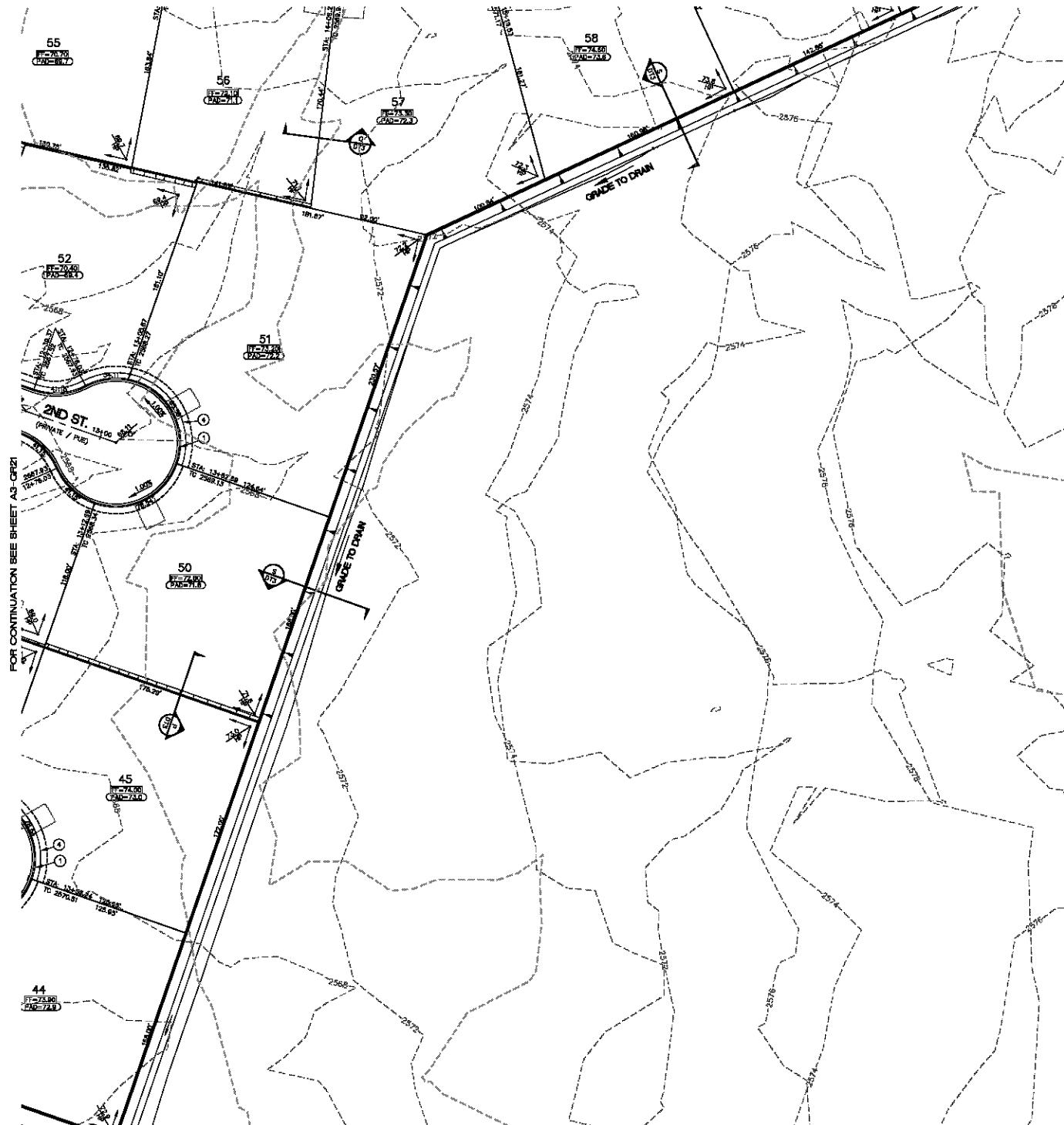
DATE 10-18-05  
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SCALE (H) 1" = 40'  
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Stanley Consultants Inc.  
3500 S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89119  
(702) 445-9793  
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RHODES HONES ARIZONA, LLC  
GOLDEN VALLEY BRANCH  
AREA 3  
GRADING PLAN 20  
ARIZONA  
MOHAVE COUNTY

SHEET  
A3-QR20  
83 OF 94 SHEETS  
SCI PROJECT#  
184-19

FOR CONTINUATION SEE SHEET A3-GR18



#### CONSTRUCTION NOTES

- 30' ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET DT4)
- 5' CURB TRANSITION PER DETAIL ON SHEET DT3
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- DROP CURB PER DETAIL ON SHEET DT3
- SIDEWALK SQUEEGEE PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT4)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

#### BASIS OF BEARINGS

NORTH 0°35'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-ORUS.

M.G.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°08'21.57245"W (NAD 83) HEIGHT 2582.4591M (NAVD83)

STONE 1/4 COR 3/2 - LATITUDE 35°08'58.53386"N, LONGITUDE 114°10'30.72281"W (NAD 83) HEIGHT 2468.20458M (NAVD83)

#### BENCHMARK

BENCHMARK # "50 34" N.C.S.D. ELEVATION 2580.24573 FT (NAVD 83)  
DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHUARUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343"

#### GEOTECHNICAL NOTE:

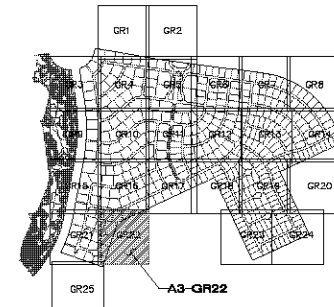
ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 12 SEPTEMBER 05  
PROJECT NO.: 1050-020

#### FEMA FLOOD ZONE

FEMA MAP, PANEL NO. 040508 2320C  
MAP UPDATED: OCT. 20, 2000  
A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

#### ENGINEERING NOTES

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.



KEYMAP  
N.T.S.

#### LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 3' TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- 5'W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

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PRELIMINARY ISSUE FOR REVIEW  
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DATE	BY	REVISION

SCALE (H) 1" = 40'  
SCALE (V) 1" = 10'  
DRAWN BY: JS  
CHECKED BY: SH/SH/DB  
DATE: 10-18-05

3500 S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89119  
Tel: (702) 445-9793  
www.stanleyconsultants.com

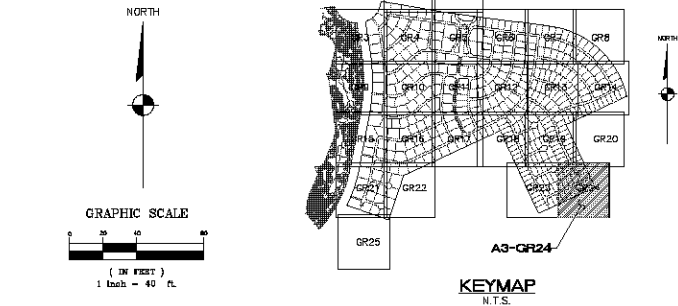
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PHOENIX ARIZONA, LLC  
GOLDEN VALLEY BRANCH  
AREA 3  
GRADING PLAN 22


































ARIZONA  
MOHAVE COUNTY

SHEET  
**A3-GR22**  
85 OF 94 SHEETS  
SCI PROJECT#  
18419





**LEGEND**

-  = DRIVEWAY
-  = HIGH POINT SWALE DIRECTION
-  = EXISTING GRADE
-  = FUTURE GRADE
-  = TOP OF RET. WALL/TOP OF FOOTING
-  = PAD HIGH POINT ELEVATION
-  = FLOWLINE ELEVATION
-  = CENTERLINE FINISHED GRADE ELEVATION
-  = TOP OF CURB ELEVATION
-  = FINISHED GRADE ELEVATION
-  = RATE & DIRECTION OF SLOPE
-  = TOP OF CURB STATIONING
-  = RETAINING WALL
-  = PERIMETER BLOCK WALL
-  = PROPERTY LINE
-  = GRADE BREAK
-  = EASEMENT LINE
-  = CENTER LINE
-  = EXISTING LINE
-  = FUTURE LINE
-  = SCARP
-  = FINISHED FLOOR ELEVATION
-  = PAD ELEVATION
-  = EXISTING CONTOUR
-  = LOT NUMBER
-  = SWALE
-  = SUBDIVISION/UNIT BOUNDARY
-  = LEFT TRANSITION  
(L.L. CURB TO "ROLL" CURB)
-  = CURB, GUTTER, AND SIDEWALK
-  = S/W RAMP
-  = DRAINAGE EASEMENT
-  = PUBLIC ACCESS EASEMENT
-  = PRIVATE UTILITY EASEMENT

NORTH 00°13'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER  
(NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 16 WEST, GILA &  
SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA AS DETERMINED BY THE  
ARIZONA COORDINATE SYSTEM OF 1983 (AZB3-WF) WEST ZONE.  
INTERNATIONAL FOOT (FT) UTILIZING FAST STATIC OBSERVATIONS  
PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" -      LATITUDE 35°09'22.70034"N,  
                                LONGITUDE 114°08'21.57240"W (NAD 83)  
                                HEIGHT 2582.48391ft. (NAVD83)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED \*SD 34 1999 RLS 10343.\*

ALL CONSTRUCTION SHALL CONFORM WITH THE  
SOILS REPORT PREPARED BY: AMERICAN SOILS  
ENGINEERING, LLC.  
DATED: 12 SEPTEMBER 05  
PROJECT No.: 1050-GEO

FEMA MAP: PANEL NO. 04005B 2325C  
MAP UPDATE: OCT 20, 2000

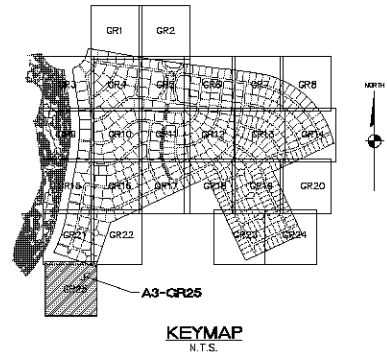
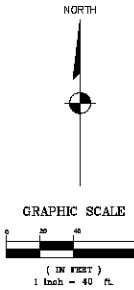
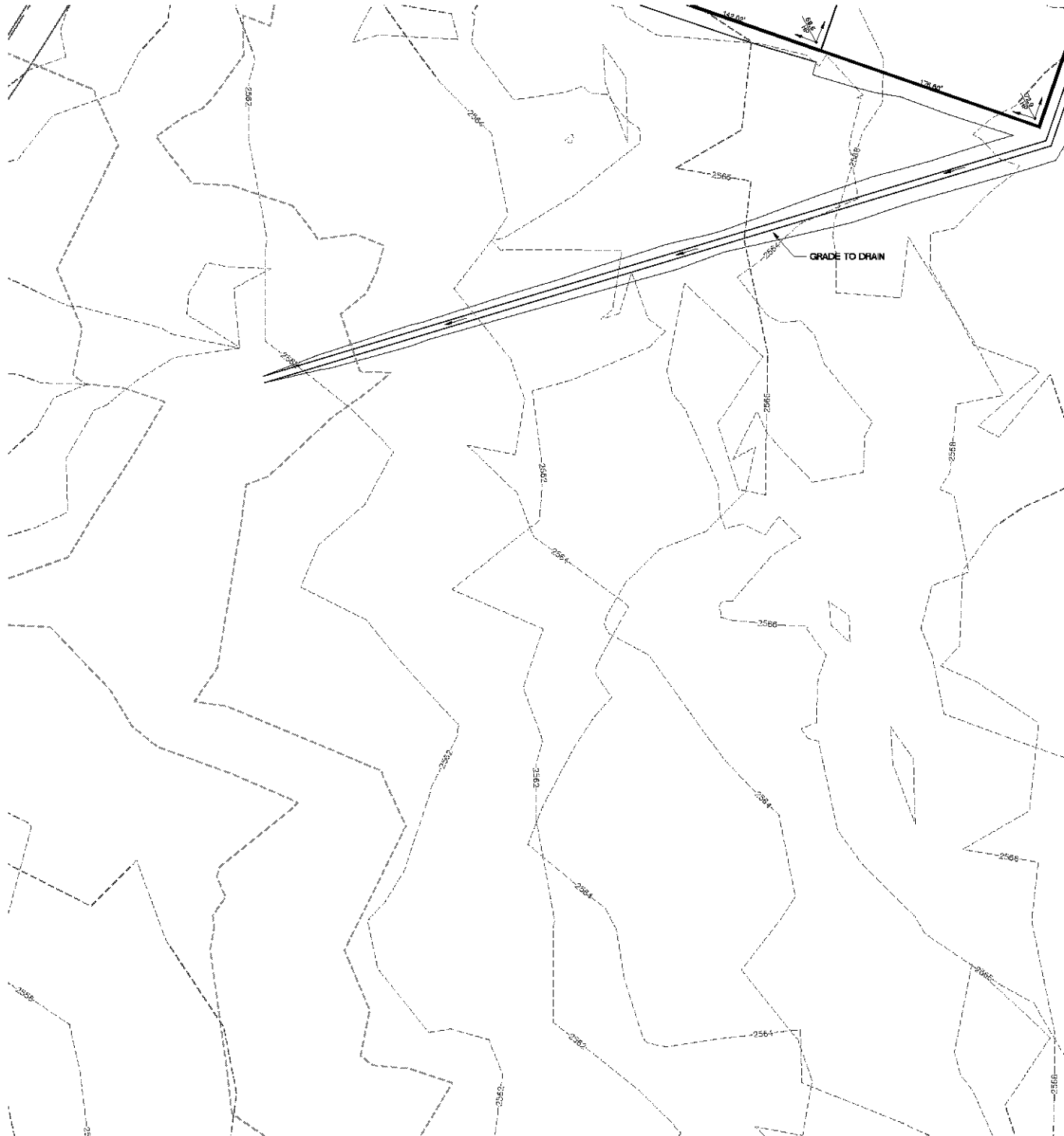
A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

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PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05

FOR CONTINUATION SEE SHEET A3-GR21



#### CONSTRUCTION NOTES

- 1 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 2 24" VERTICAL CURB AND GUTTER PER N.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET DT4)
- 3 5' CURB TRANSITION PER DETAIL ON SHEET DT3
- 4 CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- 5 VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- 6 DROP CURB PER DETAIL ON SHEET DT3
- 7 SIDEWALK SCUPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
- 8 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- 9 TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

#### BASIS OF BEARINGS

NORTH 00°33'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 05, TOWNSHIP 20 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HOS-GRUS.

M.C.S.D. "SD 32" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°02'21.57245"W (NAD '83), HEIGHT 2582.45991H (NAVD'83)

STONE 1/4 COR 3/2 - LATITUDE 35°08'55.53360"N, LONGITUDE 114°10'30.72281"W (NAD '83), HEIGHT 2468.20458H (NAVD'83)

#### BENCHMARK

BENCHMARK # "SD 34" M.C.S.D. ELEVATION: 2580.24273 FT (NAVD '83)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHIVARUMP DR. AND HOPE RD., STAMPED "SD 34 1989 RLS 10343"

#### GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC  
DATED: 12 SEPTEMBER 05  
PROJECT NO.: 1050-020

#### FEMA FLOOD ZONE

FEMA MAP, PANEL NO. 040508 2325C  
MAP UPDATED: OCT. 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

#### ENGINEERING NOTES

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA GRADING PLANS TO GET ACTUAL ELEVATION.

#### LEGEND

- = DRIVEWAY
- = HIGH POINT SWALE DIRECTION
- = EXISTING GRADE
- = FUTURE GRADE
- = TOP OF RET. WALL/TOP OF FOOTING
- = PAD HIGH POINT ELEVATION
- = FLOWLINE ELEVATION
- = CENTERLINE FINISHED GRADE ELEVATION
- = TOP OF CURB ELEVATION
- = FINISHED GRADE ELEVATION
- = RATE & DIRECTION OF SLOPE
- = RETAINING WALL
- = PERIMETER BLOCK WALL
- = PROPERTY LINE
- = GRADE BREAK
- = EASEMENT LINE
- = CENTER LINE
- = EXISTING LINE
- = FUTURE LINE
- = SCARP
- = FINISHED FLOOR ELEVATION
- = PAD ELEVATION
- = EXISTING CONTOUR
- = LOT NUMBER
- = SWALE
- = SUBDIVISION/UNIT BOUNDARY
- = 3 FT TRANSITION "L" CURB TO "ROLL" CURB
- = CURB, GUTTER, AND SIDEWALK
- = S/W RAMP
- = DRAINAGE EASEMENT
- = PUBLIC ACCESS EASEMENT
- = PRIVATE UTILITY EASEMENT

#### DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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PRELIMINARY ISSUE FOR REVIEW  
NOT FOR CONSTRUCTION 10-18-05



DATE	BY	REVISION

SCALE (H) 1" = 40'  
SCALE (V) 1" = 10'  
DRAWN BY JS  
CHECKED BY SH/JS  
DATE 10-18-05

3500 S. Eastern Avenue, Suite 300  
Las Vegas, Nevada 89119  
Tel: (702) 446-9793  
www.stanleyconsultants.com

**Stanley Consultants Inc.**

PHODES HONES ARIZONA, LLC  
GOLDEN VALLEY BRANCH  
AREA 3  
GRADING PLAN 25

ARIZONA  
MOHAVE COUNTY

SHEET  
**A3-GR25**  
88 OF 94 SHEETS  
SCI PROJECT#  
184-19